

Data File : VX019298.D
Acq On : 05 Nov 2020 02:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:30 PM

Quant Time: Nov 05 03:40:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162957	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	127650	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.70	98	490462	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	185167	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	107103	51.394	ug/l	99
3) Chloromethane	1.31	50	118696	50.982	ug/l	100
4) Vinyl Chloride	1.39	62	145248	53.795	ug/l	99
5) Bromomethane	1.64	94	87242	47.313	ug/l	98
6) Chloroethane	1.71	64	97210	56.389	ug/l	98
7) Trichlorofluoromethane	1.92	101	227039	53.524	ug/l	97
8) Diethyl Ether	2.17	74	88777	54.532	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123400	52.485	ug/l	98
10) Methyl Iodide	2.50	142	88153	34.091	ug/l	99
11) Tert butyl alcohol	3.02	59	148806	233.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	123166	50.836	ug/l	96
13) Acrolein	2.27	56	79676	279.199	ug/l	100
14) Allyl chloride	2.71	41	195714	53.332	ug/l	99
15) Acrylonitrile	3.11	53	357287	267.029	ug/l	99
16) Acetone	2.42	43	285680	256.875	ug/l	99
17) Carbon Disulfide	2.55	76	336771	48.783	ug/l	100
18) Methyl Acetate	2.75	43	150289	55.572	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	455104	54.213	ug/l	99
20) Methylene Chloride	2.84	84	146984	52.644	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	143155	51.340	ug/l	95
22) Diisopropyl ether	3.82	45	424914	58.081	ug/l	98
23) Vinyl Acetate	3.78	43	1838610	281.820	ug/l	97
24) 1,1-Dichloroethane	3.67	63	255650	55.968	ug/l	100
25) 2-Butanone	4.64	43	462685	263.980	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195200	45.457	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	165315	53.055	ug/l	98
28) Bromochloromethane	4.98	49	111852	53.864	ug/l	92
29) Tetrahydrofuran	5.09	42	302937	274.261	ug/l	98
30) Chloroform	5.18	83	270142	55.562	ug/l	99
31) Cyclohexane	5.55	56	220204	54.037	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240001	54.446	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201621	50.844	ug/l	98
37) Ethyl Acetate	4.79	43	188059	51.077	ug/l	99
38) Carbon Tetrachloride	5.76	117	206632	51.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	233813	49.311	ug/l	96
40) Benzene	6.11	78	592597	52.706	ug/l	100
41) Methacrylonitrile	5.00	41	104124	52.513	ug/l	97
42) 1,2-Dichloroethane	6.16	62	218393	52.704	ug/l	100
43) Isopropyl Acetate	6.41	43	317675	51.529	ug/l	99
44) Trichloroethene	7.19	130	158519	49.229	ug/l	96
45) 1,2-Dichloropropane	7.49	63	150559	54.671	ug/l	100
46) Dibromomethane	7.63	93	104215	51.175	ug/l	97
47) Bromodichloromethane	7.87	83	213470	53.183	ug/l	99
48) Methyl methacrylate	7.74	41	156862	52.864	ug/l	98
49) 1,4-Dioxane	7.73	88	60671	919.409	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	946840	267.216	ug/l	99
52) Toluene	8.76	92	378386	52.252	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	227511	49.625	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	245769	50.979	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	149992	52.423	ug/l	99
56) Ethyl methacrylate	9.16	69	228741	52.928	ug/l	98
57) 1,3-Dichloropropane	9.35	76	251903	52.219	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	608126	251.606	ug/l	96
59) 2-Hexanone	9.47	43	703258	260.733	ug/l	99
60) Dibromochloromethane	9.56	129	158529	51.054	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155933	50.964	ug/l	100
64) Tetrachloroethene	9.32	164	145746	49.012	ug/l	97
65) Chlorobenzene	10.12	112	393158	49.284	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	145012	50.493	ug/l	99
67) Ethyl Benzene	10.23	91	723048	50.865	ug/l	99
68) m/p-Xylenes	10.34	106	541833	101.559	ug/l	97
69) o-Xylene	10.68	106	256767	50.741	ug/l	100
70) Styrene	10.70	104	439389	50.889	ug/l	99
71) Bromoform	10.84	173	110652	48.595	ug/l	99
73) Isopropylbenzene	11.00	105	697863	48.908	ug/l	99
74) N-amyl acetate	10.88	43	270136	51.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	225145	50.488	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	203813m	48.967	ug/l	
77) Bromobenzene	11.24	156	166181	46.926	ug/l	93
78) n-propylbenzene	11.34	91	801356	49.198	ug/l	99
79) 2-Chlorotoluene	11.40	91	475028	49.536	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	586904	48.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68496	43.330	ug/l	96
82) 4-Chlorotoluene	11.49	91	568979	48.588	ug/l	99
83) tert-Butylbenzene	11.76	119	564885	48.942	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	593692	48.785	ug/l	100
85) sec-Butylbenzene	11.93	105	672860	48.606	ug/l	100
86) p-Isopropyltoluene	12.05	119	624247	48.856	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	307534	46.631	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	315231	45.918	ug/l	98
89) n-Butylbenzene	12.37	91	569705	47.436	ug/l	99
90) Hexachloroethane	12.58	117	104289	48.020	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	298701	47.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50275	46.053	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110620\
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206621	43.438	ug/l	98
94) Hexachlorobutadiene	13.76	225	84503	40.356	ug/l	98
95) Naphthalene	13.82	128	681039	45.459	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202758	43.939	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MMDadoda
11/5/2020 7:02:30 PM

Abundance

TIC: VX019298.D

Time-->

Peak labels (from left to right):

- Dichlorodifluoromethane, T
- Chloroethane, C
- Bromochloromethane, T
- Trichlorofluoromethane, T
- Acrolein, T
- Diethyl Ether, T
- 1,1-Dichloroethene, T
- Methyl iodide, T
- Carbon Disulfide, T
- Methyl Acetate, T
- Methyl Chloride, T
- Methylstyrene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- Vinyl acetate, T
- Disopropyl ether, T
- 1,1-Dichloroethane, P
- 2-Butanone, T
- 2,4-Dichlorobenzonitrile, T
- Ethyl Acetate, T
- Hexachlorocyclopentadiene, T
- Chloroform, T
- Pentachlorobenzene, I
- Cyanoacetylene, T
- 1,2-Dichloroethane-d4, S
- 1,2-Dichloroethane, TM
- Isopropyl Acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,2-Dichloropropane, T
- Dibromodichloromethane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- Guene-d6, CM
- t-1,3-Dichloropropene, T
- Ethyl methacrylate, T
- 1,3-Dichloropropane, T
- 2-Hexanone, T
- 1,2-Dichloroethane, T
- Chlorobenzene-d5d, PM
- 1,1,1-Tetrachloroethane, T
- 1,1,2-Trichloroethane, T
- N-amyl acetate, T
- trans-1,2-Dichloro-2-fluoroethane, S
- 1,2,3-Trichloropropane, T
- 2-Chlorotoluene, T
- 1,2,4-Trimethylbenzene, T
- 1,2,4-Dimethylbenzene, T
- 1,3-Dichlorobenzene, T
- 1,4-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- Hexachlorobutadiene, T
- 1,2,4-Trichlorobenzene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T