

Data File : VX019275.D
Acq On : 04 Nov 2020 17:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:24 PM

Quant Time: Nov 05 02:46:14 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	261118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	416473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197433	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163861	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	130207	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.70	98	495078	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.12	95	186406	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	111914	51.411	ug/l	100
3) Chloromethane	1.31	50	128698	52.919	ug/l	99
4) Vinyl Chloride	1.39	62	149779	53.106	ug/l	100
5) Bromomethane	1.63	94	99838	51.834	ug/l	98
6) Chloroethane	1.71	64	98068	54.459	ug/l	95
7) Trichlorofluoromethane	1.92	101	233281	52.648	ug/l	97
8) Diethyl Ether	2.17	74	91723	53.938	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130873	53.288	ug/l	99
10) Methyl Iodide	2.49	142	141660	49.011	ug/l	99
11) Tert butyl alcohol	3.01	59	163062	245.163	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127200	50.261	ug/l	99
13) Acrolein	2.27	56	91657	306.905	ug/l	99
14) Allyl chloride	2.70	41	206402	53.845	ug/l	98
15) Acrylonitrile	3.11	53	376068	269.072	ug/l	100
16) Acetone	2.42	43	311396	268.049	ug/l	100
17) Carbon Disulfide	2.55	76	354081	49.097	ug/l	100
18) Methyl Acetate	2.75	43	151640	53.679	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	465177	53.049	ug/l	99
20) Methylene Chloride	2.83	84	147932	50.722	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	145885	50.086	ug/l	95
22) Diisopropyl ether	3.82	45	429701	56.229	ug/l	95
23) Vinyl Acetate	3.78	43	1896030	278.219	ug/l	99
24) 1,1-Dichloroethane	3.67	63	259204	54.324	ug/l	99
25) 2-Butanone	4.63	43	501040	273.664	ug/l	96
26) 2,2-Dichloropropane	4.55	77	240357	53.584	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	168083	51.642	ug/l	97
28) Bromochloromethane	4.98	49	113217	52.194	ug/l	93
29) Tetrahydrofuran	5.09	42	317879	275.507	ug/l	97
30) Chloroform	5.17	83	270902	53.340	ug/l	99
31) Cyclohexane	5.55	56	226822	53.286	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246658	53.568	ug/l	99
36) 1,1-Dichloropropene	5.77	75	206392	53.667	ug/l	99
37) Ethyl Acetate	4.79	43	197825	55.402	ug/l	99
38) Carbon Tetrachloride	5.75	117	209141	53.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	254801	55.410	ug/l	98
40) Benzene	6.11	78	601610	55.173	ug/l	99
41) Methacrylonitrile	5.00	41	105321	54.770	ug/l	99
42) 1,2-Dichloroethane	6.16	62	219019	54.500	ug/l	100
43) Isopropyl Acetate	6.41	43	327673	54.805	ug/l	99
44) Trichloroethene	7.18	130	163473	52.347	ug/l	95
45) 1,2-Dichloropropane	7.49	63	151102	56.576	ug/l	100
46) Dibromomethane	7.63	93	105311	53.323	ug/l	97
47) Bromodichloromethane	7.87	83	215942	55.473	ug/l	98
48) Methyl methacrylate	7.74	41	160869	55.901	ug/l	98
49) 1,4-Dioxane	7.73	88	69128	1080.170	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	988673	287.706	ug/l	99
52) Toluene	8.76	92	382704	54.494	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	239156	53.788	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258074	55.197	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	151929	54.752	ug/l	98
56) Ethyl methacrylate	9.16	69	232256	55.414	ug/l	98
57) 1,3-Dichloropropane	9.35	76	256012	54.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626038	267.079	ug/l	97
59) 2-Hexanone	9.47	43	765470	292.631	ug/l	99
60) Dibromochloromethane	9.56	129	163000	54.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	156690	52.806	ug/l	99
64) Tetrachloroethene	9.32	164	151362	51.609	ug/l	96
65) Chlorobenzene	10.12	112	398918	50.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	147901	52.216	ug/l	99
67) Ethyl Benzene	10.23	91	736904	52.561	ug/l	99
68) m/p-Xylenes	10.34	106	552573	105.014	ug/l	97
69) o-Xylene	10.68	106	264074	52.911	ug/l	100
70) Styrene	10.70	104	451889	53.066	ug/l	99
71) Bromoform	10.84	173	112673	50.172	ug/l #	99
73) Isopropylbenzene	11.00	105	718932	51.443	ug/l	99
74) N-amyl acetate	10.88	43	273425	53.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	229584	52.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	213044m	52.261	ug/l	
77) Bromobenzene	11.24	156	170549	49.171	ug/l	93
78) n-propylbenzene	11.34	91	854093	53.537	ug/l	98
79) 2-Chlorotoluene	11.40	91	488258	51.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616256	52.197	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	78528	50.720	ug/l	97
82) 4-Chlorotoluene	11.49	91	592233	51.636	ug/l	99
83) tert-Butylbenzene	11.76	119	577693	51.103	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	620993	52.101	ug/l	100
85) sec-Butylbenzene	11.93	105	721894	53.244	ug/l	100
86) p-Isopropyltoluene	12.05	119	669610	53.508	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322539	49.934	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327193	48.662	ug/l	98
89) n-Butylbenzene	12.37	91	631849	53.715	ug/l	99
90) Hexachloroethane	12.58	117	111505	52.421	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	306934	49.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53860	50.374	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110620\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223442	47.961	ug/l	98
94) Hexachlorobutadiene	13.77	225	98021	47.796	ug/l	98
95) Naphthalene	13.82	128	732117	49.895	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	215040	47.580	ug/l	99

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

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