

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019355.D
 Acq On : 06 Nov 2020 20:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:36:55 AM

Quant Time: Nov 07 03:09:29 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	240095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166528	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
35) Dibromofluoromethane	5.47	113	131722	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	494561	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.12	95	198233	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	102295	51.107	ug/l	98
3) Chloromethane	1.31	50	120462	53.870	ug/l	99
4) Vinyl Chloride	1.39	62	143211	55.223	ug/l	99
5) Bromomethane	1.62	94	97766	55.202	ug/l	98
6) Chloroethane	1.71	64	96183	58.089	ug/l	96
7) Trichlorofluoromethane	1.92	101	221192	54.291	ug/l	99
8) Diethyl Ether	2.17	74	90671	57.988	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119187	52.779	ug/l	97
10) Methyl Iodide	2.49	142	115333	44.127	ug/l	98
11) Tert butyl alcohol	3.01	59	183199	299.557	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123728	53.170	ug/l	97
13) Acrolein	2.27	56	70663	258.238	ug/l	99
14) Allyl chloride	2.71	41	202906	57.568	ug/l	98
15) Acrylonitrile	3.11	53	386825	301.002	ug/l	99
16) Acetone	2.42	43	338466	316.862	ug/l	100
17) Carbon Disulfide	2.55	76	317845	47.949	ug/l	100
18) Methyl Acetate	2.75	43	191024	73.541	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	467864	58.027	ug/l	100
20) Methylene Chloride	2.83	84	148976	55.553	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	140930	52.622	ug/l	94
22) Diisopropyl ether	3.82	45	427761	60.876	ug/l	99
23) Vinyl Acetate	3.78	43	1814967	289.644	ug/l	98
24) 1,1-Dichloroethane	3.67	63	256954	58.568	ug/l	99
25) 2-Butanone	4.63	43	520023	308.903	ug/l	98
26) 2,2-Dichloropropane	4.55	77	208005	50.432	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	164045	54.814	ug/l	97
28) Bromochloromethane	4.98	49	111492	55.900	ug/l	92
29) Tetrahydrofuran	5.09	42	329958	311.017	ug/l	98
30) Chloroform	5.18	83	270562	57.938	ug/l	99
31) Cyclohexane	5.55	56	215179	54.977	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240305	56.758	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197791	51.443	ug/l	99
37) Ethyl Acetate	4.79	43	199843	55.981	ug/l	98
38) Carbon Tetrachloride	5.75	117	202979	51.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	226477	49.263	ug/l	97
40) Benzene	6.11	78	591139	54.226	ug/l	99
41) Methacrylonitrile	5.00	41	110998	57.737	ug/l	97
42) 1,2-Dichloroethane	6.16	62	221287	55.078	ug/l	100
43) Isopropyl Acetate	6.41	43	330381	55.271	ug/l	99
44) Trichloroethene	7.19	130	155245	49.725	ug/l	95
45) 1,2-Dichloropropane	7.49	63	150440	56.342	ug/l	98
46) Dibromomethane	7.63	93	103639	52.489	ug/l	98
47) Bromodichloromethane	7.88	83	216549	55.642	ug/l	99
48) Methyl methacrylate	7.74	41	165967	57.687	ug/l	98
49) 1,4-Dioxane	7.71	88	74722	1167.869	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1030300	299.894	ug/l	99
52) Toluene	8.76	92	380040	54.128	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	238216	53.590	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	251991	53.910	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	153098	55.187	ug/l	99
56) Ethyl methacrylate	9.16	69	240306	57.349	ug/l	98
57) 1,3-Dichloropropane	9.35	76	260185	55.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	633016	270.123	ug/l	96
59) 2-Hexanone	9.47	43	786991	300.933	ug/l	99
60) Dibromochloromethane	9.57	129	164731	54.716	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162049	54.625	ug/l	98
64) Tetrachloroethene	9.32	164	139352	46.838	ug/l	96
65) Chlorobenzene	10.12	112	403712	50.581	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	148443	51.662	ug/l	99
67) Ethyl Benzene	10.24	91	736954	51.817	ug/l	98
68) m/p-Xylenes	10.34	106	553617	103.715	ug/l	98
69) o-Xylene	10.68	106	263963	52.136	ug/l	99
70) Styrene	10.70	104	458314	53.054	ug/l	99
71) Bromoform	10.84	173	119560	52.481	ug/l #	99
73) Isopropylbenzene	11.00	105	720305	50.468	ug/l	99
74) N-amyl acetate	10.88	43	290525	55.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	245906	55.130	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224303m	53.877	ug/l	
77) Bromobenzene	11.24	156	170346	48.090	ug/l	90
78) n-propylbenzene	11.34	91	834385	51.213	ug/l	99
79) 2-Chlorotoluene	11.40	91	495067	51.613	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	613438	50.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77756	49.176	ug/l	96
82) 4-Chlorotoluene	11.49	91	594117	50.722	ug/l	98
83) tert-Butylbenzene	11.76	119	593805	51.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623079	51.188	ug/l	99
85) sec-Butylbenzene	11.93	105	703847	50.832	ug/l	99
86) p-Isopropyltoluene	12.05	119	643331	50.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	326751	49.533	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	329147	47.934	ug/l	98
89) n-Butylbenzene	12.37	91	592805	49.347	ug/l	99
90) Hexachloroethane	12.58	117	112488	51.783	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	319592	50.455	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55729	51.037	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212223	44.605	ug/l	98
94) Hexachlorobutadiene	13.76	225	82240	39.266	ug/l	98
95) Naphthalene	13.82	128	719031	47.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	203172	44.018	ug/l	99

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

