

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019154.D
 Acq On : 27 Oct 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:15:21 PM

Quant Time: Oct 28 03:07:28 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	266101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175425	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.46	113	142044	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.70	98	536800	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.12	95	202709	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119830	54.017	ug/l	100
3) Chloromethane	1.31	50	133056	53.687	ug/l	98
4) Vinyl Chloride	1.39	62	161212	56.089	ug/l	99
5) Bromomethane	1.64	94	111148	56.625	ug/l	98
6) Chloroethane	1.71	64	105478	57.477	ug/l	99
7) Trichlorofluoromethane	1.92	101	256678	56.844	ug/l	99
8) Diethyl Ether	2.17	74	101294	58.451	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135990	54.334	ug/l	99
10) Methyl Iodide	2.49	142	138274	47.213	ug/l	99
11) Tert butyl alcohol	3.03	59	186995	275.881	ug/l	99
12) 1,1-Dichloroethene	2.35	96	139470	54.077	ug/l	99
13) Acrolein	2.28	56	56500	187.874	ug/l	100
14) Allyl chloride	2.71	41	217767	55.746	ug/l	99
15) Acrylonitrile	3.12	53	410544	288.238	ug/l	100
16) Acetone	2.42	43	330821	279.438	ug/l	99
17) Carbon Disulfide	2.55	76	387154	52.622	ug/l	100
18) Methyl Acetate	2.75	43	165125	57.358	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	512872	57.392	ug/l	99
20) Methylene Chloride	2.84	84	162840	54.788	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	161159	54.294	ug/l	99
22) Diisopropyl ether	3.82	45	457193	58.706	ug/l	99
23) Vinyl Acetate	3.78	43	2051058	295.331	ug/l	100
24) 1,1-Dichloroethane	3.67	63	280075	57.599	ug/l	100
25) 2-Butanone	4.63	43	542617	290.823	ug/l	99
26) 2,2-Dichloropropane	4.55	77	227598	49.790	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	185747	56.000	ug/l	99
28) Bromochloromethane	4.98	49	116951	52.906	ug/l	98
29) Tetrahydrofuran	5.09	42	351184	298.673	ug/l	100
30) Chloroform	5.18	83	298512	57.676	ug/l	99
31) Cyclohexane	5.55	56	239996	55.325	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	270139	57.569	ug/l	99
36) 1,1-Dichloropropene	5.77	75	221505	52.415	ug/l	99
37) Ethyl Acetate	4.79	43	217988	55.557	ug/l	99
38) Carbon Tetrachloride	5.76	117	230732	53.565	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	259998	51.454	ug/l	99
40) Benzene	6.11	78	655416	54.700	ug/l	98
41) Methacrylonitrile	5.00	41	116982	55.362	ug/l	99
42) 1,2-Dichloroethane	6.16	62	241375	54.660	ug/l	100
43) Isopropyl Acetate	6.41	43	361693	55.053	ug/l	100
44) Trichloroethene	7.19	130	178952	52.149	ug/l	99
45) 1,2-Dichloropropane	7.49	63	163468	55.700	ug/l	98
46) Dibromomethane	7.63	93	116172	53.531	ug/l	100
47) Bromodichloromethane	7.88	83	239292	55.941	ug/l	99
48) Methyl methacrylate	7.74	41	178599	56.480	ug/l	99
49) 1,4-Dioxane	7.73	88	78497	1116.231	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1089522	288.533	ug/l	100
52) Toluene	8.76	92	419408	54.348	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	261915	53.608	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	277510	54.015	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	168445	55.244	ug/l	98
56) Ethyl methacrylate	9.16	69	262997	57.104	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283085	55.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	645932	250.777	ug/l	99
59) 2-Hexanone	9.48	43	814575	283.391	ug/l	100
60) Dibromochloromethane	9.57	129	187326	56.609	ug/l	99
61) 1,2-Dibromoethane	9.65	107	181130	55.551	ug/l	99
64) Tetrachloroethene	9.32	164	161770	50.453	ug/l	99
65) Chlorobenzene	10.12	112	443690	51.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	165323	53.389	ug/l	99
67) Ethyl Benzene	10.24	91	799280	52.148	ug/l	98
68) m/p-Xylenes	10.34	106	606531	105.437	ug/l	99
69) o-Xylene	10.68	106	288926	52.953	ug/l	100
70) Styrene	10.69	104	493379	52.996	ug/l	99
71) Bromoform	10.84	173	131958	53.747	ug/l	98
73) Isopropylbenzene	11.00	105	778128	52.418	ug/l	99
74) N-amyl acetate	10.88	43	300936	55.445	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	252790	54.489	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229791m	53.068	ug/l	
77) Bromobenzene	11.24	156	188638	51.202	ug/l	96
78) n-propylbenzene	11.34	91	875958	51.692	ug/l	99
79) 2-Chlorotoluene	11.40	91	523249	52.448	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	661234	52.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	81554	49.590	ug/l	98
82) 4-Chlorotoluene	11.49	91	617652	50.699	ug/l	99
83) tert-Butylbenzene	11.76	119	638678	53.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	659480	52.090	ug/l	99
85) sec-Butylbenzene	11.93	105	755374	52.451	ug/l	100
86) p-Isopropyltoluene	12.05	119	685101	51.540	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	342950	49.985	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	345697	48.404	ug/l	99
89) n-Butylbenzene	12.37	91	626833	50.168	ug/l	99
90) Hexachloroethane	12.58	117	120182	53.192	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	339501	51.532	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59491	52.382	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231318	46.744	ug/l	98
94) Hexachlorobutadiene	13.76	225	98578	45.253	ug/l	97
95) Naphthalene	13.82	128	802770	51.507	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	228746	47.648	ug/l	99

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

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