

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050120\
 Data File : VX016002.D
 Acq On : 01 May 2020 10:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:47 PM

Quant Time: May 02 07:09:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	322691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	503881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192367	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	5.46	113	145675	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.70	98	565554	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.12	95	219831	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	157863	54.669	ug/l	98
3) Chloromethane	1.31	50	175939	50.274	ug/l	100
4) Vinyl Chloride	1.39	62	212330	53.425	ug/l	99
5) Bromomethane	1.62	94	113181	42.420	ug/l	100
6) Chloroethane	1.70	64	134541	50.892	ug/l	97
7) Trichlorofluoromethane	1.91	101	292867	48.753	ug/l	95
8) Diethyl Ether	2.17	74	121177	48.319	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	165795	55.369	ug/l	98
10) Methyl Iodide	2.49	142	223206	53.436	ug/l	99
11) Tert butyl alcohol	3.01	59	252133	246.189	ug/l	100
12) 1,1-Dichloroethene	2.36	96	161756	52.392	ug/l	99
13) Acrolein	2.27	56	86388	335.647	ug/l	99
14) Allyl chloride	2.70	41	304431	54.684	ug/l	98
15) Acrylonitrile	3.11	53	532841	262.396	ug/l	100
16) Acetone	2.42	43	437546	242.522	ug/l	99
17) Carbon Disulfide	2.55	76	481983	53.530	ug/l	100
18) Methyl Acetate	2.75	43	268306	52.407	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	598729	53.618	ug/l	99
20) Methylene Chloride	2.83	84	183011	51.242	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	177936	51.138	ug/l	99
22) Diisopropyl ether	3.82	45	598003	54.637	ug/l	91
23) Vinyl Acetate	3.78	43	2568857	270.187	ug/l	99
24) 1,1-Dichloroethane	3.67	63	328021	53.800	ug/l	99
25) 2-Butanone	4.63	43	722411	247.097	ug/l	99
26) 2,2-Dichloropropane	4.55	77	310631	55.721	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	204549	51.804	ug/l	98
28) Bromochloromethane	4.98	49	131491	44.567	ug/l	98
29) Tetrahydrofuran	5.09	42	489547	255.505	ug/l	99
30) Chloroform	5.18	83	331505	52.287	ug/l	98
31) Cyclohexane	5.54	56	299550	55.187	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	304379	52.142	ug/l	99
36) 1,1-Dichloropropene	5.77	75	257001	53.551	ug/l	98
37) Ethyl Acetate	4.79	43	288974	52.511	ug/l	99
38) Carbon Tetrachloride	5.75	117	268505	52.969	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	315951	56.916	ug/l	97
40) Benzene	6.11	78	732632	53.503	ug/l	100
41) Methacrylonitrile	5.00	41	156899	53.265	ug/l	99
42) 1,2-Dichloroethane	6.16	62	275132	51.856	ug/l	100
43) Isopropyl Acetate	6.41	43	476391	52.277	ug/l	99
44) Trichloroethene	7.19	130	271487	55.005	ug/l	97
45) 1,2-Dichloropropane	7.49	63	189395	53.517	ug/l	99
46) Dibromomethane	7.63	93	127939	50.877	ug/l	98
47) Bromodichloromethane	7.87	83	269556	53.942	ug/l	99
48) Methyl methacrylate	7.74	41	227767	54.135	ug/l	98
49) 1,4-Dioxane	7.71	88	100771	1018.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1462383	264.565	ug/l	99
52) Toluene	8.76	92	473458	54.470	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	320569	54.065	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	329105	53.967	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	186563	53.709	ug/l	98
56) Ethyl methacrylate	9.16	69	311208	55.099	ug/l	97
57) 1,3-Dichloropropane	9.35	76	320416	53.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	811408	277.997	ug/l	100
59) 2-Hexanone	9.47	43	1127515	261.012	ug/l	99
60) Dibromochloromethane	9.57	129	214650	55.210	ug/l	99
61) 1,2-Dibromoethane	9.65	107	199694	53.015	ug/l	99
64) Tetrachloroethene	9.32	164	300610	54.213	ug/l	98
65) Chlorobenzene	10.12	112	508288	53.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	192099	53.389	ug/l	99
67) Ethyl Benzene	10.23	91	924343	54.521	ug/l	99
68) m/p-Xylenes	10.34	106	707428	109.965	ug/l	99
69) o-Xylene	10.68	106	336485	55.090	ug/l	100
70) Styrene	10.70	104	581993	55.532	ug/l	99
71) Bromoform	10.84	173	160703	49.104	ug/l #	98
73) Isopropylbenzene	11.00	105	914636	54.426	ug/l	100
74) N-amyl acetate	10.88	43	422194	52.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150971	39.537	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	277504m	53.535	ug/l	
77) Bromobenzene	11.24	156	226703	52.407	ug/l	98
78) n-propylbenzene	11.34	91	1080446	55.889	ug/l	99
79) 2-Chlorotoluene	11.40	91	624792	54.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	779390	55.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	119008	54.255	ug/l #	89
82) 4-Chlorotoluene	11.49	91	749172	54.382	ug/l	100
83) tert-Butylbenzene	11.76	119	665129	54.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	785561	55.138	ug/l	98
85) sec-Butylbenzene	11.93	105	915681	55.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	867653	56.327	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	410459	52.033	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	418823	52.533	ug/l	99
89) n-Butylbenzene	12.37	91	786666	56.521	ug/l	99
90) Hexachloroethane	12.58	117	146345	53.771	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	388960	51.564	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68837	49.615	ug/l	99

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QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	302192	53.374	ug/l	99
94) Hexachlorobutadiene	13.77	225	136003	53.764	ug/l	98
95) Naphthalene	13.82	128	943859	52.856	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	291972	53.556	ug/l	97

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

