

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016110.D
 Acq On : 08 May 2020 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 02:34:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	294416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	432931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177299	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	5.46	113	139534	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.70	98	549654	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.12	95	210906	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	156841	50.329	ug/l	99
3) Chloromethane	1.31	50	167968	46.412	ug/l	100
4) Vinyl Chloride	1.39	62	183169	47.439	ug/l	100
5) Bromomethane	1.62	94	86673	44.525	ug/l	99
6) Chloroethane	1.70	64	110539	47.051	ug/l	98
7) Trichlorofluoromethane	1.91	101	236426	46.640	ug/l	98
8) Diethyl Ether	2.17	74	97098	45.461	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	143804	49.171	ug/l	99
10) Methyl Iodide	2.49	142	183579	46.731	ug/l	99
11) Tert butyl alcohol	3.01	59	218167	222.690	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142440	46.542	ug/l	96
13) Acrolein	2.27	56	128607	209.780	ug/l	98
14) Allyl chloride	2.70	41	269323	47.994	ug/l	98
15) Acrylonitrile	3.11	53	473501	232.980	ug/l	99
16) Acetone	2.42	43	385205	222.837	ug/l	98
17) Carbon Disulfide	2.55	76	428730	46.634	ug/l	100
18) Methyl Acetate	2.75	43	202744	47.701	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	513716	48.692	ug/l	100
20) Methylene Chloride	2.83	84	162965	45.731	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	159969	46.905	ug/l	98
22) Diisopropyl ether	3.82	45	512859	48.445	ug/l	90
23) Vinyl Acetate	3.78	43	2266784	243.377	ug/l	100
24) 1,1-Dichloroethane	3.67	63	289192	48.833	ug/l	100
25) 2-Butanone	4.63	43	644621	231.417	ug/l	100
26) 2,2-Dichloropropane	4.55	77	258309	47.761	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	181251	48.612	ug/l	99
28) Bromochloromethane	4.98	49	124271	46.020	ug/l	100
29) Tetrahydrofuran	5.09	42	428158	231.976	ug/l	100
30) Chloroform	5.17	83	284265	48.210	ug/l	98
31) Cyclohexane	5.54	56	264140	49.078	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	258489	48.228	ug/l	99
36) 1,1-Dichloropropene	5.76	75	221987	48.586	ug/l	99
37) Ethyl Acetate	4.79	43	249843	47.180	ug/l	100
38) Carbon Tetrachloride	5.75	117	230593	49.654	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	274328	49.857	ug/l	99
40) Benzene	6.11	78	653479	48.882	ug/l	99
41) Methacrylonitrile	5.00	41	138246	48.340	ug/l	99
42) 1,2-Dichloroethane	6.16	62	229787	47.715	ug/l	99
43) Isopropyl Acetate	6.41	43	405568	48.001	ug/l	100
44) Trichloroethene	7.19	130	229705	48.366	ug/l	100
45) 1,2-Dichloropropane	7.49	63	168551	49.827	ug/l	99
46) Dibromomethane	7.63	93	110997	48.285	ug/l	99
47) Bromodichloromethane	7.87	83	233848	49.948	ug/l	99
48) Methyl methacrylate	7.74	41	192500	48.081	ug/l	98
49) 1,4-Dioxane	7.71	88	90428	941.754	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1255853	242.891	ug/l	100
52) Toluene	8.76	92	412810	49.540	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	273148	48.932	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	287899	49.377	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	164843	50.281	ug/l	99
56) Ethyl methacrylate	9.16	69	270046	50.462	ug/l	97
57) 1,3-Dichloropropane	9.35	76	285218	49.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	703722	247.009	ug/l	100
59) 2-Hexanone	9.47	43	970733	239.069	ug/l	99
60) Dibromochloromethane	9.57	129	183078	50.704	ug/l	97
61) 1,2-Dibromoethane	9.65	107	174623	49.174	ug/l	99
64) Tetrachloroethene	9.32	164	263556	49.589	ug/l	97
65) Chlorobenzene	10.12	112	446077	49.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	166097	49.573	ug/l	99
67) Ethyl Benzene	10.23	91	790357	48.865	ug/l	98
68) m/p-Xylenes	10.34	106	606821	100.136	ug/l	100
69) o-Xylene	10.68	106	291108	49.975	ug/l	99
70) Styrene	10.70	104	505522	51.155	ug/l	100
71) Bromoform	10.84	173	138770	50.836	ug/l	100
73) Isopropylbenzene	11.00	105	790029	49.959	ug/l	99
74) N-amyl acetate	10.88	43	350978	47.583	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137087	44.818	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	239430m	48.530	ug/l	
77) Bromobenzene	11.24	156	194420	47.632	ug/l	98
78) n-propylbenzene	11.34	91	915580	49.769	ug/l	99
79) 2-Chlorotoluene	11.40	91	539086	49.644	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	671689	50.307	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	102450	49.486	ug/l	97
82) 4-Chlorotoluene	11.49	91	637776	49.736	ug/l	100
83) tert-Butylbenzene	11.76	119	575701	50.032	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	679056	50.305	ug/l	100
85) sec-Butylbenzene	11.93	105	783088	50.405	ug/l	100
86) p-Isopropyltoluene	12.05	119	729472	50.572	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	359178	49.008	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	357490	48.058	ug/l	99
89) n-Butylbenzene	12.37	91	666800	50.601	ug/l	99
90) Hexachloroethane	12.58	117	123746	49.953	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	345170	48.911	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58931	45.321	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	258038	49.388	ug/l	98
94) Hexachlorobutadiene	13.77	225	124698	55.370	ug/l	94
95) Naphthalene	13.82	128	824507	48.736	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	254534	49.848	ug/l	98

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

