

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016246.D
 Acq On : 14 May 2020 20:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:32 PM

Quant Time: May 15 04:28:11 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	255047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	202526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	155299	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.47	113	123819	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.70	98	488644	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.12	95	194329	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	133975	49.628	ug/l	99
3) Chloromethane	1.31	50	135999	43.379	ug/l	98
4) Vinyl Chloride	1.39	62	154319	46.136	ug/l	98
5) Bromomethane	1.62	94	68803	40.801	ug/l	99
6) Chloroethane	1.70	64	92863	45.629	ug/l	99
7) Trichlorofluoromethane	1.91	101	206698	47.070	ug/l	100
8) Diethyl Ether	2.17	74	83482	45.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119116	47.016	ug/l	99
10) Methyl Iodide	2.49	142	129385	38.020	ug/l	99
11) Tert butyl alcohol	3.02	59	189454	223.232	ug/l	100
12) 1,1-Dichloroethene	2.35	96	118930	44.858	ug/l	94
13) Acrolein	2.27	56	141574	266.578	ug/l	100
14) Allyl chloride	2.70	41	215470	44.325	ug/l	95
15) Acrylonitrile	3.12	53	419864	238.477	ug/l	99
16) Acetone	2.42	43	327004	218.369	ug/l	94
17) Carbon Disulfide	2.55	76	340862	42.782	ug/l	99
18) Methyl Acetate	2.75	43	179022	48.621	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	446909	48.898	ug/l	99
20) Methylene Chloride	2.83	84	139935	45.330	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	135071	45.718	ug/l	99
22) Diisopropyl ether	3.82	45	433363	47.254	ug/l	94
23) Vinyl Acetate	3.79	43	1892819	234.596	ug/l	99
24) 1,1-Dichloroethane	3.67	63	245272	47.810	ug/l	99
25) 2-Butanone	4.64	43	572221	237.135	ug/l	99
26) 2,2-Dichloropropane	4.55	77	192023	40.986	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	154511	47.837	ug/l	97
28) Bromochloromethane	4.98	49	110458	47.219	ug/l	97
29) Tetrahydrofuran	5.09	42	372865	233.202	ug/l	98
30) Chloroform	5.18	83	246863	48.329	ug/l	98
31) Cyclohexane	5.55	56	216505	46.437	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	224625	48.379	ug/l	99
36) 1,1-Dichloropropene	5.77	75	185821	45.561	ug/l	100
37) Ethyl Acetate	4.79	43	215968	45.687	ug/l	99
38) Carbon Tetrachloride	5.76	117	198390	47.857	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	211227	43.006	ug/l	99
40) Benzene	6.11	78	567056	47.518	ug/l	98
41) Methacrylonitrile	5.01	41	119909	46.970	ug/l	98
42) 1,2-Dichloroethane	6.17	62	194988	45.359	ug/l	98
43) Isopropyl Acetate	6.42	43	346858	45.989	ug/l	99
44) Trichloroethene	7.19	130	179811	42.413	ug/l	99
45) 1,2-Dichloropropane	7.49	63	146809	48.619	ug/l	98
46) Dibromomethane	7.64	93	97524	47.526	ug/l	100
47) Bromodichloromethane	7.88	83	203451	48.681	ug/l	96
48) Methyl methacrylate	7.75	41	162692	45.523	ug/l	94
49) 1,4-Dioxane	7.72	88	73328	855.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1103741	239.143	ug/l	97
52) Toluene	8.77	92	360482	48.463	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	233417	46.843	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	244464	46.970	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	146041	49.903	ug/l	99
56) Ethyl methacrylate	9.16	69	241114	50.474	ug/l	94
57) 1,3-Dichloropropane	9.35	76	251341	49.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	619756	243.697	ug/l	100
59) 2-Hexanone	9.48	43	854783	235.829	ug/l	97
60) Dibromochloromethane	9.57	129	163848	50.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155721	49.124	ug/l	100
64) Tetrachloroethene	9.32	164	207997	43.319	ug/l	99
65) Chlorobenzene	10.12	112	386801	47.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148487	49.055	ug/l	99
67) Ethyl Benzene	10.24	91	685306	46.899	ug/l	99
68) m/p-Xylenes	10.34	106	521586	95.272	ug/l	100
69) o-Xylene	10.68	106	253737	48.216	ug/l	100
70) Styrene	10.70	104	444825	49.825	ug/l	99
71) Bromoform	10.84	173	126438	51.269	ug/l	100
73) Isopropylbenzene	11.00	105	676265	45.909	ug/l	100
74) N-amyl acetate	10.88	43	303068	44.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170035	57.641	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	211119m	45.937	ug/l	
77) Bromobenzene	11.24	156	175401	46.131	ug/l	99
78) n-propylbenzene	11.35	91	770007	44.933	ug/l	99
79) 2-Chlorotoluene	11.40	91	467324	46.199	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	577557	46.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	86591	44.900	ug/l	96
82) 4-Chlorotoluene	11.49	91	550181	46.059	ug/l	100
83) tert-Butylbenzene	11.76	119	497493	46.414	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	579579	46.093	ug/l	100
85) sec-Butylbenzene	11.93	105	642557	44.400	ug/l	100
86) p-Isopropyltoluene	12.05	119	595831	44.344	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	316476	46.356	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	312525	45.103	ug/l	99
89) n-Butylbenzene	12.37	91	509000	41.466	ug/l	100
90) Hexachloroethane	12.58	117	104656	45.353	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	302799	46.062	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54087	44.654	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212651	43.693	ug/l	97
94) Hexachlorobutadiene	13.77	225	74647	35.770	ug/l	99
95) Naphthalene	13.82	128	725638	46.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210592	44.275	ug/l	98

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

