

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008204.D
 Acq On : 19 Mar 2019 20:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:23 AM

Quant Time: Mar 20 08:17:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	433466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203961	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	207771	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	155401	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	600485	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.13	95	210947	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	175475	49.121	ug/l	99
3) Chloromethane	1.33	50	205093	45.754	ug/l	99
4) Vinyl Chloride	1.41	62	213045	47.670	ug/l	99
5) Bromomethane	1.64	94	183857	48.294	ug/l	99
6) Chloroethane	1.72	64	131893	47.068	ug/l	98
7) Trichlorofluoromethane	1.93	101	264925	46.449	ug/l	100
8) Diethyl Ether	2.19	74	151524	51.636	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	185528	48.993	ug/l	90
10) Methyl Iodide	2.51	142	253647	52.605	ug/l	97
11) Tert butyl alcohol	3.05	59	238098	250.634	ug/l	98
12) 1,1-Dichloroethene	2.37	96	179773	50.285	ug/l	90
13) Acrolein	2.29	56	145723	216.451	ug/l	99
14) Allyl chloride	2.73	41	394344	50.671	ug/l	92
15) Acrylonitrile	3.15	53	639917	254.671	ug/l	99
16) Acetone	2.45	43	557429	221.478	ug/l	97
17) Carbon Disulfide	2.57	76	558525	47.890	ug/l	100
18) Methyl Acetate	2.78	43	310335	53.260	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	665985	51.521	ug/l	99
20) Methylene Chloride	2.86	84	205040	48.855	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	190469	49.316	ug/l	93
22) Diisopropyl ether	3.86	45	786606	51.607	ug/l	91
23) Vinyl Acetate	3.82	43	3454269	264.334	ug/l	98
24) 1,1-Dichloroethane	3.70	63	399164	50.918	ug/l	99
25) 2-Butanone	4.67	43	935631	251.836	ug/l	97
26) 2,2-Dichloropropane	4.59	77	275141	46.590	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	223277	50.712	ug/l	92
28) Bromochloromethane	5.02	49	167995	47.724	ug/l #	82
29) Tetrahydrofuran	5.13	42	616075	265.263	ug/l	97
30) Chloroform	5.21	83	375341	51.185	ug/l	100
31) Cyclohexane	5.58	56	377258	51.248	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	314860	51.616	ug/l	96
36) 1,1-Dichloropropene	5.81	75	290876	51.025	ug/l	96
37) Ethyl Acetate	4.84	43	355851	52.807	ug/l	98
38) Carbon Tetrachloride	5.79	117	263623	51.902	ug/l	98

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39) Methylcyclohexane	7.46	83	342188	49.881	ug/l	92
40) Benzene	6.15	78	869054	51.507	ug/l	100
41) Methacrylonitrile	5.04	41	202717	53.630	ug/l	97
42) 1,2-Dichloroethane	6.20	62	318251	51.489	ug/l	95
43) Isopropyl Acetate	6.45	43	572336	52.987	ug/l	97
44) Trichloroethene	7.21	130	211791	51.337	ug/l	91
45) 1,2-Dichloropropane	7.51	63	243268	51.504	ug/l	99
46) Dibromomethane	7.66	93	144782	50.627	ug/l	87
47) Bromodichloromethane	7.90	83	288463	52.928	ug/l	99
48) Methyl methacrylate	7.77	41	302876	52.736	ug/l	93
49) 1,4-Dioxane	7.74	88	103037	1016.655	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1857043	265.938	ug/l	98
52) Toluene	8.79	92	517845	51.733	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	321764	47.223	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	351232	51.927	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	212653	52.581	ug/l	98
56) Ethyl methacrylate	9.18	69	357083	50.333	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	375514	52.487	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	801278	241.813	ug/l	94
59) 2-Hexanone	9.49	43	1388333	258.243	ug/l	96
60) Dibromochloromethane	9.58	129	212440	54.657	ug/l	99
61) 1,2-Dibromoethane	9.67	107	222538	52.698	ug/l	98
64) Tetrachloroethene	9.34	164	202531	51.789	ug/l	97
65) Chlorobenzene	10.14	112	544825	51.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	196639	52.878	ug/l	99
67) Ethyl Benzene	10.25	91	986972	52.511	ug/l	97
68) m/p-Xylenes	10.36	106	726023	105.155	ug/l	94
69) o-Xylene	10.70	106	354045	52.772	ug/l	95
70) Styrene	10.71	104	579665	53.165	ug/l	96
71) Bromoform	10.85	173	154348	48.252	ug/l #	100
73) Isopropylbenzene	11.02	105	939163	51.659	ug/l	98
74) N-amyl acetate	10.90	43	489363	51.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	323970	49.696	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	280715m	48.934	ug/l	
77) Bromobenzene	11.26	156	223106	50.756	ug/l	85
78) n-propylbenzene	11.36	91	1101026	52.143	ug/l	96
79) 2-Chlorotoluene	11.42	91	643014	50.736	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	775938	51.661	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	103736	46.211	ug/l	93
82) 4-Chlorotoluene	11.51	91	748304	50.740	ug/l	95
83) tert-Butylbenzene	11.77	119	735885	51.318	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	791581	51.986	ug/l	97
85) sec-Butylbenzene	11.94	105	928446	52.283	ug/l	96
86) p-Isopropyltoluene	12.06	119	789935	51.390	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	393055	50.035	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	393671	48.448	ug/l	98
89) n-Butylbenzene	12.39	91	734119	50.884	ug/l	97
90) Hexachloroethane	12.60	117	139274	53.201	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	394891	49.855	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71657	49.489	ug/l	79

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93) 1,2,4-Trichlorobenzene	13.65	180	256541	49.171	ug/l	98
94) Hexachlorobutadiene	13.78	225	125892	49.476	ug/l	99
95) Naphthalene	13.83	128	850069	51.623	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254763	49.626	ug/l	98

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

