

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009624.D
 Acq On : 16 May 2019 22:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/17/2019 1:09:40 PM

Quant Time: May 17 07:34:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	158918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106890	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	80533	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	316809	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	119658	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60667	41.426	ug/l	99
3) Chloromethane	1.32	50	95033	47.532	ug/l	99
4) Vinyl Chloride	1.41	62	93208	47.808	ug/l	100
5) Bromomethane	1.64	94	57531	49.164	ug/l	100
6) Chloroethane	1.71	64	60849	48.612	ug/l	100
7) Trichlorofluoromethane	1.92	101	116616	49.208	ug/l	99
8) Diethyl Ether	2.19	74	56118	49.991	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70748	47.539	ug/l	100
10) Methyl Iodide	2.51	142	90059	51.892	ug/l	99
11) Tert butyl alcohol	3.06	59	135996	270.818	ug/l	99
12) 1,1-Dichloroethene	2.37	96	72662	48.730	ug/l	98
13) Acrolein	2.29	56	98869	217.400	ug/l	99
14) Allyl chloride	2.72	41	176670	48.618	ug/l	99
15) Acrylonitrile	3.15	53	326696	266.074	ug/l	100
16) Acetone	2.45	43	284787	244.475	ug/l	99
17) Carbon Disulfide	2.56	76	189219	45.199	ug/l	99
18) Methyl Acetate	2.78	43	148748	53.693	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	298181	51.496	ug/l	100
20) Methylene Chloride	2.85	84	91947	48.749	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	79032	48.872	ug/l	98
22) Diisopropyl ether	3.86	45	360274	51.554	ug/l	93
23) Vinyl Acetate	3.82	43	1595255	266.579	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171600	49.776	ug/l	99
25) 2-Butanone	4.68	43	488400	269.803	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105066	40.945	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95503	49.478	ug/l	98
28) Bromochloromethane	5.02	49	61307	43.840	ug/l	99
29) Tetrahydrofuran	5.13	42	319755	274.500	ug/l	99
30) Chloroform	5.21	83	160035	51.327	ug/l	99
31) Cyclohexane	5.57	56	154090	48.043	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	129921	50.055	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116048	48.604	ug/l	100
37) Ethyl Acetate	4.84	43	181322	54.505	ug/l	99
38) Carbon Tetrachloride	5.78	117	107641	49.620	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138201	47.131	ug/l	98
40) Benzene	6.14	78	367576	49.744	ug/l	98
41) Methacrylonitrile	5.04	41	102774	51.899	ug/l	99
42) 1,2-Dichloroethane	6.20	62	134257	50.650	ug/l	99
43) Isopropyl Acetate	6.45	43	284970	53.554	ug/l	100
44) Trichloroethene	7.21	130	87714	49.101	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106516	50.907	ug/l	99
46) Dibromomethane	7.66	93	61239	50.401	ug/l	99
47) Bromodichloromethane	7.90	83	124738	51.466	ug/l	97
48) Methyl methacrylate	7.77	41	145556	55.135	ug/l	98
49) 1,4-Dioxane	7.74	88	54745	1022.535	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	981684	282.251	ug/l	99
52) Toluene	8.79	92	228413	50.851	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140127	51.209	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153069	50.538	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	95293	52.001	ug/l	95
56) Ethyl methacrylate	9.18	69	176407	53.928	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165738	51.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	394894	227.561	ug/l	100
59) 2-Hexanone	9.49	43	753898	275.989	ug/l	98
60) Dibromochloromethane	9.58	129	94034	52.539	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96261	52.039	ug/l	99
64) Tetrachloroethene	9.34	164	80401	49.291	ug/l	98
65) Chlorobenzene	10.14	112	238179	50.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88679	51.421	ug/l	99
67) Ethyl Benzene	10.25	91	439493	50.202	ug/l	98
68) m/p-Xylenes	10.36	106	322489	100.804	ug/l	98
69) o-Xylene	10.69	106	156822	49.683	ug/l	97
70) Styrene	10.71	104	281556	51.321	ug/l	99
71) Bromoform	10.85	173	74209	52.950	ug/l #	100
73) Isopropylbenzene	11.02	105	423673	48.509	ug/l	99
74) N-amyl acetate	10.90	43	262240	51.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161903	49.726	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139333m	50.011	ug/l	
77) Bromobenzene	11.26	156	106443	49.102	ug/l	100
78) n-propylbenzene	11.36	91	492962	49.422	ug/l	100
79) 2-Chlorotoluene	11.42	91	296725	48.218	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	358123	48.697	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52429	48.150	ug/l	98
82) 4-Chlorotoluene	11.51	91	340402	48.964	ug/l	99
83) tert-Butylbenzene	11.77	119	347722	48.606	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	366621	49.667	ug/l	100
85) sec-Butylbenzene	11.94	105	413593	48.764	ug/l	100
86) p-Isopropyltoluene	12.06	119	379834	49.815	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188488	48.774	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	187995	48.252	ug/l	99
89) n-Butylbenzene	12.39	91	342713	49.729	ug/l	100
90) Hexachloroethane	12.60	117	63989	49.259	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189383	48.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37202	50.934	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132956	49.395	ug/l	99
94) Hexachlorobutadiene	13.78	225	68261	49.661	ug/l	99
95) Naphthalene	13.83	128	443071	50.595	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136031	49.856	ug/l	99

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

