

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014232.D
 Acq On : 24 Dec 2019 09:28
 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

apatel
 12/26/2019 9:24:17 AM

Quant Time: Dec 25 05:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	538017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	799944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	721140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	277420	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	
35) Dibromofluoromethane	5.48	113	233691	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	901106	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.13	95	321897	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	218574	45.411	ug/l	98
3) Chloromethane	1.32	50	288933	44.730	ug/l	100
4) Vinyl Chloride	1.40	62	314969	46.211	ug/l	99
5) Bromomethane	1.63	94	197578	40.842	ug/l	99
6) Chloroethane	1.72	64	202320	48.095	ug/l	96
7) Trichlorofluoromethane	1.92	101	411909	48.819	ug/l	100
8) Diethyl Ether	2.18	74	186997	47.223	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	253752	49.892	ug/l	99
10) Methyl Iodide	2.50	142	308433	46.195	ug/l	99
11) Tert butyl alcohol	3.03	59	261209	198.251	ug/l	99
12) 1,1-Dichloroethene	2.37	96	249682	48.244	ug/l	97
13) Acrolein	2.28	56	200207	265.450	ug/l	99
14) Allyl chloride	2.72	41	451854	48.899	ug/l	99
15) Acrylonitrile	3.13	53	717807	233.411	ug/l	100
16) Acetone	2.43	43	855627	216.138	ug/l	100
17) Carbon Disulfide	2.56	76	643618	44.874	ug/l	100
18) Methyl Acetate	2.76	43	363750	46.371	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	840210	49.405	ug/l	97
20) Methylene Chloride	2.85	84	289346	46.415	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	268679	47.123	ug/l	97
22) Diisopropyl ether	3.84	45	931509	50.587	ug/l	95
23) Vinyl Acetate	3.80	43	3855874	256.599	ug/l	100
24) 1,1-Dichloroethane	3.69	63	496965	48.509	ug/l	99
25) 2-Butanone	4.65	43	1130972	231.727	ug/l	99
26) 2,2-Dichloropropane	4.57	77	398373	50.083	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	313411	48.604	ug/l	99
28) Bromochloromethane	5.00	49	206498	52.389	ug/l	100
29) Tetrahydrofuran	5.11	42	631288	231.254	ug/l	100
30) Chloroform	5.19	83	480612	49.487	ug/l	99
31) Cyclohexane	5.57	56	448148	49.184	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	408230	49.320	ug/l	99
36) 1,1-Dichloropropene	5.79	75	369030	50.277	ug/l	100
37) Ethyl Acetate	4.81	43	391846	48.344	ug/l	99
38) Carbon Tetrachloride	5.78	117	345407	51.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	462479	51.029	ug/l	98
40) Benzene	6.13	78	1131829	50.116	ug/l	99
41) Methacrylonitrile	5.02	41	222938	49.572	ug/l	98
42) 1,2-Dichloroethane	6.18	62	382596	49.977	ug/l	99
43) Isopropyl Acetate	6.43	43	663961	49.498	ug/l	99
44) Trichloroethene	7.20	130	309152	49.560	ug/l	99
45) 1,2-Dichloropropane	7.50	63	298522	51.571	ug/l	96
46) Dibromomethane	7.65	93	188328	49.209	ug/l	99
47) Bromodichloromethane	7.89	83	378043	52.450	ug/l	100
48) Methyl methacrylate	7.76	41	324887	49.462	ug/l	100
49) 1,4-Dioxane	7.73	88	113834	851.606	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2025209	240.403	ug/l	99
52) Toluene	8.78	92	712371	49.904	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	416802	52.738	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	474369	53.876	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288971	50.509	ug/l	97
56) Ethyl methacrylate	9.17	69	456119	50.753	ug/l	100
57) 1,3-Dichloropropane	9.36	76	486497	50.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	889280	261.476	ug/l	100
59) 2-Hexanone	9.48	43	1633033	240.807	ug/l	99
60) Dibromochloromethane	9.57	129	301830	53.075	ug/l	98
61) 1,2-Dibromoethane	9.67	107	296106	50.585	ug/l	100
64) Tetrachloroethene	9.33	164	325995	51.087	ug/l	96
65) Chlorobenzene	10.13	112	773248	50.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	282187	51.543	ug/l	100
67) Ethyl Benzene	10.24	91	1370211	51.978	ug/l	100
68) m/p-Xylenes	10.35	106	1038568	102.434	ug/l	99
69) o-Xylene	10.69	106	501730	50.456	ug/l	99
70) Styrene	10.71	104	868432	51.647	ug/l	99
71) Bromoform	10.85	173	228665	51.959	ug/l #	100
73) Isopropylbenzene	11.01	105	1343255	52.294	ug/l	100
74) N-amyl acetate	10.89	43	583308	48.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	430598	48.353	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	352974m	44.565	ug/l	
77) Bromobenzene	11.25	156	343403	48.590	ug/l	100
78) n-propylbenzene	11.35	91	1555769	53.997	ug/l	100
79) 2-Chlorotoluene	11.42	91	894742	51.087	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1128209	52.188	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144690	51.562	ug/l	99
82) 4-Chlorotoluene	11.51	91	1042921	51.335	ug/l	99
83) tert-Butylbenzene	11.76	119	1099381	52.257	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1133384	52.352	ug/l	99
85) sec-Butylbenzene	11.94	105	1317333	53.042	ug/l	100
86) p-Isopropyltoluene	12.06	119	1221673	53.775	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	618856	49.963	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	619591	49.196	ug/l	99
89) n-Butylbenzene	12.38	91	1075223	55.468	ug/l	100
90) Hexachloroethane	12.59	117	212847	52.161	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	618701	49.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	86939	44.116	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	424939	52.435	ug/l	98
94) Hexachlorobutadiene	13.77	225	205721	52.819	ug/l	98
95) Naphthalene	13.83	128	1225726	51.478	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	417828	52.228	ug/l	97

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

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