

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013957.D
 Acq On : 11 Dec 2019 21:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:44 AM

Quant Time: Dec 12 06:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	526444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	821096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	370476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	271925	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
35) Dibromofluoromethane	5.48	113	228800	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
50) Toluene-d8	8.71	98	854109	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.14	95	318423	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	252157	43.033	ug/l	99
3) Chloromethane	1.31	50	301863	45.911	ug/l	99
4) Vinyl Chloride	1.40	62	353651	47.789	ug/l	98
5) Bromomethane	1.63	94	231197	46.521	ug/l	98
6) Chloroethane	1.70	64	196254	46.604	ug/l	99
7) Trichlorofluoromethane	1.92	101	381240	46.395	ug/l	99
8) Diethyl Ether	2.18	74	185535	49.908	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	229818	45.788	ug/l	99
10) Methyl Iodide	2.50	142	298418	49.150	ug/l	100
11) Tert butyl alcohol	3.05	59	316869	210.077	ug/l	99
12) 1,1-Dichloroethene	2.36	96	233038	46.515	ug/l	99
13) Acrolein	2.28	56	243976	242.057	ug/l	99
14) Allyl chloride	2.72	41	436853	48.048	ug/l	99
15) Acrylonitrile	3.13	53	784274	251.895	ug/l	99
16) Acetone	2.44	43	741895	245.906	ug/l	100
17) Carbon Disulfide	2.56	76	566346	39.654	ug/l	100
18) Methyl Acetate	2.76	43	450622	53.638	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	839462	50.579	ug/l	99
20) Methylene Chloride	2.84	84	283172	48.855	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	253254	46.402	ug/l	97
22) Diisopropyl ether	3.84	45	911914	52.089	ug/l	98
23) Vinyl Acetate	3.80	43	3728262	255.994	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485700	50.750	ug/l	99
25) 2-Butanone	4.66	43	1120064	249.801	ug/l	99
26) 2,2-Dichloropropane	4.57	77	354815	44.810	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	303808	48.471	ug/l	99
28) Bromochloromethane	5.00	49	201025	53.154	ug/l	97
29) Tetrahydrofuran	5.12	42	709145	256.552	ug/l	99
30) Chloroform	5.20	83	472898	48.723	ug/l	99
31) Cyclohexane	5.57	56	400595	44.378	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	391239	48.237	ug/l	99
36) 1,1-Dichloropropene	5.79	75	344634	46.238	ug/l	99
37) Ethyl Acetate	4.82	43	420819	50.327	ug/l	99
38) Carbon Tetrachloride	5.78	117	330687	48.115	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	394005	42.765	ug/l	100
40) Benzene	6.14	78	1091179	48.068	ug/l	99
41) Methacrylonitrile	5.03	41	239261	52.175	ug/l	99
42) 1,2-Dichloroethane	6.19	62	378969	48.950	ug/l	99
43) Isopropyl Acetate	6.43	43	677325	49.203	ug/l	100
44) Trichloroethene	7.21	130	286378	45.966	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290563	51.158	ug/l	95
46) Dibromomethane	7.65	93	186987	48.473	ug/l	97
47) Bromodichloromethane	7.89	83	365581	50.131	ug/l	100
48) Methyl methacrylate	7.76	41	343717	51.389	ug/l	99
49) 1,4-Dioxane	7.73	88	126324	843.759	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2225112	256.967	ug/l	99
52) Toluene	8.78	92	692762	49.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	400098	48.201	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	445841	49.163	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	292304	51.434	ug/l	99
56) Ethyl methacrylate	9.17	69	463708	50.751	ug/l	99
57) 1,3-Dichloropropane	9.37	76	490093	50.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	855189	238.720	ug/l	99
59) 2-Hexanone	9.49	43	1683762	249.318	ug/l	99
60) Dibromochloromethane	9.58	129	300638	50.974	ug/l	100
61) 1,2-Dibromoethane	9.67	107	300476	49.503	ug/l	98
64) Tetrachloroethene	9.33	164	262121	47.363	ug/l	97
65) Chlorobenzene	10.14	112	746459	48.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	281207	50.825	ug/l	100
67) Ethyl Benzene	10.25	91	1299584	49.084	ug/l	99
68) m/p-Xylenes	10.36	106	996229	98.278	ug/l	100
69) o-Xylene	10.70	106	491092	49.673	ug/l	100
70) Styrene	10.71	104	836579	50.303	ug/l	99
71) Bromoform	10.85	173	231898	50.655	ug/l #	99
73) Isopropylbenzene	11.01	105	1293393	49.770	ug/l	100
74) N-amyl acetate	10.89	43	609814	51.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	471281	52.293	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	425187m	51.027	ug/l	
77) Bromobenzene	11.25	156	337481	48.070	ug/l	97
78) n-propylbenzene	11.35	91	1448883	49.944	ug/l	100
79) 2-Chlorotoluene	11.42	91	862684	49.573	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1075443	50.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143999	47.278	ug/l	98
82) 4-Chlorotoluene	11.51	91	994103	49.321	ug/l	98
83) tert-Butylbenzene	11.76	119	1074683	49.648	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1081254	50.020	ug/l	100
85) sec-Butylbenzene	11.94	105	1234083	49.913	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130572	49.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	590275	48.233	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	587538	47.134	ug/l	99
89) n-Butylbenzene	12.39	91	953831	48.621	ug/l	100
90) Hexachloroethane	12.59	117	203428	48.930	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	601631	49.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94483	48.142	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389078	46.170	ug/l	100
94) Hexachlorobutadiene	13.78	225	182804	45.157	ug/l	99
95) Naphthalene	13.83	128	1214957	48.412	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398794	47.795	ug/l	99

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

