

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014259.D
 Acq On : 26 Dec 2019 10:46
 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
 12/27/2019 12:03:02 PM

Quant Time: Dec 27 06:27:53 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	521803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	705002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	355197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	259082	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	
35) Dibromofluoromethane	5.49	113	216529	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	8.71	98	840577	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.13	95	300923	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	210019	44.989	ug/l	97
3) Chloromethane	1.32	50	284141	45.355	ug/l	99
4) Vinyl Chloride	1.41	62	302912	45.823	ug/l	99
5) Bromomethane	1.63	94	197660	42.129	ug/l	100
6) Chloroethane	1.72	64	196400	48.138	ug/l	96
7) Trichlorofluoromethane	1.92	101	394071	48.156	ug/l	99
8) Diethyl Ether	2.18	74	180546	47.011	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	244319	49.529	ug/l	99
10) Methyl Iodide	2.50	142	303008	46.759	ug/l	100
11) Tert butyl alcohol	3.03	59	269198	210.663	ug/l	99
12) 1,1-Dichloroethene	2.36	96	234284	46.676	ug/l	97
13) Acrolein	2.28	56	192018	262.503	ug/l	98
14) Allyl chloride	2.72	41	438317	48.908	ug/l	99
15) Acrylonitrile	3.13	53	726753	243.663	ug/l	100
16) Acetone	2.43	43	808312	210.531	ug/l	99
17) Carbon Disulfide	2.56	76	609486	43.833	ug/l	99
18) Methyl Acetate	2.76	43	371535	48.835	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	809651	49.088	ug/l	97
20) Methylene Chloride	2.84	84	276870	45.794	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	256214	46.333	ug/l	99
22) Diisopropyl ether	3.84	45	913361	51.143	ug/l	95
23) Vinyl Acetate	3.80	43	3796315	260.485	ug/l	99
24) 1,1-Dichloroethane	3.69	63	477977	48.105	ug/l	99
25) 2-Butanone	4.65	43	1094858	231.299	ug/l	100
26) 2,2-Dichloropropane	4.57	77	380633	49.340	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	298775	47.774	ug/l	100
28) Bromochloromethane	5.00	49	210143	54.948	ug/l	95
29) Tetrahydrofuran	5.11	42	641920	242.455	ug/l	99
30) Chloroform	5.20	83	464958	49.363	ug/l	99
31) Cyclohexane	5.57	56	432498	48.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	388124	48.348	ug/l	99
36) 1,1-Dichloropropene	5.79	75	354153	49.343	ug/l	99
37) Ethyl Acetate	4.81	43	397687	50.176	ug/l	99
38) Carbon Tetrachloride	5.77	117	328543	50.248	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	440255	49.678	ug/l	99
40) Benzene	6.13	78	1083466	49.062	ug/l	99
41) Methacrylonitrile	5.03	41	225862	51.360	ug/l	96
42) 1,2-Dichloroethane	6.18	62	371865	49.676	ug/l	99
43) Isopropyl Acetate	6.43	43	655502	49.975	ug/l	99
44) Trichloroethene	7.20	130	293470	48.112	ug/l	97
45) 1,2-Dichloropropane	7.50	63	285686	50.472	ug/l	96
46) Dibromomethane	7.65	93	179851	48.059	ug/l	99
47) Bromodichloromethane	7.89	83	363672	51.599	ug/l	100
48) Methyl methacrylate	7.76	41	324109	50.461	ug/l	98
49) 1,4-Dioxane	7.73	88	115267	881.867	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2029374	246.356	ug/l	99
52) Toluene	8.78	92	681847	48.848	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	400041	51.764	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	451295	52.417	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	279367	49.937	ug/l	99
56) Ethyl methacrylate	9.17	69	445582	50.704	ug/l	100
57) 1,3-Dichloropropane	9.37	76	471296	50.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	882962	265.501	ug/l	100
59) 2-Hexanone	9.48	43	1589832	239.748	ug/l	99
60) Dibromochloromethane	9.57	129	291594	52.437	ug/l	100
61) 1,2-Dibromoethane	9.67	107	283394	49.510	ug/l	100
64) Tetrachloroethene	9.33	164	307554	49.300	ug/l	99
65) Chlorobenzene	10.14	112	734892	49.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	274806	51.343	ug/l	98
67) Ethyl Benzene	10.25	91	1300524	50.464	ug/l	99
68) m/p-Xylenes	10.35	106	992859	100.167	ug/l	99
69) o-Xylene	10.70	106	478141	49.185	ug/l	98
70) Styrene	10.71	104	828428	50.396	ug/l	99
71) Bromoform	10.85	173	220952	51.356	ug/l #	100
73) Isopropylbenzene	11.01	105	1274321	50.955	ug/l	100
74) N-amyl acetate	10.89	43	577066	49.227	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	419205	48.350	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	342799m	44.454	ug/l	
77) Bromobenzene	11.25	156	326886	47.507	ug/l	99
78) n-propylbenzene	11.35	91	1463218	52.162	ug/l	100
79) 2-Chlorotoluene	11.42	91	855297	50.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1077153	51.178	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143487	52.520	ug/l	99
82) 4-Chlorotoluene	11.51	91	991948	50.150	ug/l	99
83) tert-Butylbenzene	11.76	119	1037239	50.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1081260	51.299	ug/l	100
85) sec-Butylbenzene	11.94	105	1255213	51.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	1154822	52.211	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	588617	48.810	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	586811	47.856	ug/l	100
89) n-Butylbenzene	12.39	91	1007020	53.358	ug/l	99
90) Hexachloroethane	12.59	117	203845	51.309	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	583672	48.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85696	44.664	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	397932	50.434	ug/l	98
94) Hexachlorobutadiene	13.78	225	192573	50.784	ug/l	97
95) Naphthalene	13.83	128	1170572	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398049	51.105	ug/l	99

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

