

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013639.D
 Acq On : 27 Nov 2019 07:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/27/2019 4:29:14 PM

Quant Time: Nov 27 08:14:56 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	669338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	944875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	465636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	374997	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.49	113	311409	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.71	98	1182564	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.14	95	424183	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	382583	51.353	ug/l	99
3) Chloromethane	1.32	50	421635	50.438	ug/l	99
4) Vinyl Chloride	1.40	62	487015	51.761	ug/l	98
5) Bromomethane	1.63	94	291598	46.148	ug/l	98
6) Chloroethane	1.71	64	258477	48.277	ug/l	99
7) Trichlorofluoromethane	1.92	101	503858	48.227	ug/l	100
8) Diethyl Ether	2.18	74	236779	50.095	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	307064	48.117	ug/l	99
10) Methyl Iodide	2.50	142	418989	54.276	ug/l	100
11) Tert butyl alcohol	3.03	59	448309	233.767	ug/l	99
12) 1,1-Dichloroethene	2.36	96	318459	49.995	ug/l	99
13) Acrolein	2.28	56	277155	216.912	ug/l	100
14) Allyl chloride	2.72	41	558212	48.289	ug/l	100
15) Acrylonitrile	3.13	53	974988	246.296	ug/l	99
16) Acetone	2.43	43	840151	219.023	ug/l	100
17) Carbon Disulfide	2.56	76	881371	48.537	ug/l	99
18) Methyl Acetate	2.76	43	555437	52.000	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1062672	50.359	ug/l	100
20) Methylene Chloride	2.84	84	359488	48.781	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	343093	49.442	ug/l	99
22) Diisopropyl ether	3.84	45	1133590	50.928	ug/l	98
23) Vinyl Acetate	3.80	43	4627120	249.886	ug/l	100
24) 1,1-Dichloroethane	3.69	63	611356	50.243	ug/l	98
25) 2-Butanone	4.65	43	1378771	241.852	ug/l	100
26) 2,2-Dichloropropane	4.58	77	332574	33.034	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	392222	49.218	ug/l	96
28) Bromochloromethane	5.00	49	252744	52.562	ug/l	98
29) Tetrahydrofuran	5.11	42	898531	255.670	ug/l	100
30) Chloroform	5.20	83	590229	47.829	ug/l	96
31) Cyclohexane	5.57	56	560540	48.840	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	511610	49.611	ug/l	100
36) 1,1-Dichloropropene	5.79	75	458087	48.252	ug/l	99
37) Ethyl Acetate	4.82	43	531361	49.891	ug/l	100
38) Carbon Tetrachloride	5.78	117	438797	50.126	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	553154	47.137	ug/l	99
40) Benzene	6.14	78	1409967	48.763	ug/l	100
41) Methacrylonitrile	5.03	41	297352	50.909	ug/l	100
42) 1,2-Dichloroethane	6.19	62	481960	48.875	ug/l	100
43) Isopropyl Acetate	6.43	43	865678	49.372	ug/l	99
44) Trichloroethene	7.21	130	377963	47.630	ug/l	96
45) 1,2-Dichloropropane	7.51	63	362810	50.151	ug/l	99
46) Dibromomethane	7.65	93	237948	48.429	ug/l	99
47) Bromodichloromethane	7.89	83	463938	49.947	ug/l	99
48) Methyl methacrylate	7.76	41	432050	50.714	ug/l	98
49) 1,4-Dioxane	7.73	88	181581	952.206	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2722389	246.834	ug/l	100
52) Toluene	8.78	92	881919	49.097	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	498159	47.118	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	554108	47.971	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	357763	49.424	ug/l	97
56) Ethyl methacrylate	9.17	69	586992	50.438	ug/l	99
57) 1,3-Dichloropropane	9.37	76	607587	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1121100	245.697	ug/l	100
59) 2-Hexanone	9.49	43	2090779	243.058	ug/l	99
60) Dibromochloromethane	9.58	129	381559	50.792	ug/l	100
61) 1,2-Dibromoethane	9.67	107	375693	48.594	ug/l	100
64) Tetrachloroethene	9.33	164	357139	50.685	ug/l	98
65) Chlorobenzene	10.14	112	954054	48.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	351604	49.912	ug/l	99
67) Ethyl Benzene	10.25	91	1677428	49.760	ug/l	98
68) m/p-Xylenes	10.36	106	1283512	99.449	ug/l	99
69) o-Xylene	10.70	106	620099	49.263	ug/l	98
70) Styrene	10.71	104	1067800	50.429	ug/l	100
71) Bromoform	10.85	173	296905	50.938	ug/l	100
73) Isopropylbenzene	11.01	105	1649950	50.515	ug/l	99
74) N-amyl acetate	10.89	43	766682	51.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	563737	49.768	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	443599m	42.357	ug/l	
77) Bromobenzene	11.25	156	435027	49.301	ug/l	100
78) n-propylbenzene	11.35	91	1840995	50.491	ug/l	100
79) 2-Chlorotoluene	11.42	91	1083192	49.524	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1366783	51.057	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	169730	44.338	ug/l	100
82) 4-Chlorotoluene	11.51	91	1249250	49.314	ug/l	99
83) tert-Butylbenzene	11.76	119	1360950	50.024	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1366169	50.284	ug/l	99
85) sec-Butylbenzene	11.94	105	1572990	50.619	ug/l	100
86) p-Isopropyltoluene	12.06	119	1458521	50.452	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	747056	48.568	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	750278	47.889	ug/l	100
89) n-Butylbenzene	12.39	91	1222243	49.570	ug/l	100
90) Hexachloroethane	12.59	117	259546	49.670	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	757087	49.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125402	50.839	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	503987	47.584	ug/l	96
94) Hexachlorobutadiene	13.78	225	232622	45.720	ug/l	100
95) Naphthalene	13.83	128	1633630	51.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	525836	50.142	ug/l	99

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

