

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016750.D
 Acq On : 15 Jun 2020 12:40
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:12 PM

Quant Time: Jun 15 13:08:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	292035	92.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.44%	
35) Dibromofluoromethane	5.46	113	241910	101.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.20%	
50) Toluene-d8	8.70	98	930505	101.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.40%	
62) 4-Bromofluorobenzene	11.12	95	356425	100.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	304126	117.076	ug/l	100
3) Chloromethane	1.31	50	272785	89.962	ug/l	99
4) Vinyl Chloride	1.39	62	311872	96.755	ug/l	98
5) Bromomethane	1.62	94	169026	103.842	ug/l	98
6) Chloroethane	1.70	64	189549	100.531	ug/l	97
7) Trichlorofluoromethane	1.91	101	455877	105.770	ug/l	98
8) Diethyl Ether	2.17	74	168257	95.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237561	101.653	ug/l	98
10) Methyl Iodide	2.49	142	311483	122.017	ug/l	99
11) Tert butyl alcohol	3.03	59	352482	443.216	ug/l	100
12) 1,1-Dichloroethene	2.36	96	248666	100.318	ug/l	98
13) Acrolein	2.27	56	162291	474.009	ug/l	97
14) Allyl chloride	2.70	41	387240	87.336	ug/l	99
15) Acrylonitrile	3.12	53	731397	447.511	ug/l	99
16) Acetone	2.42	43	641886	469.688	ug/l	99
17) Carbon Disulfide	2.55	76	697666	95.448	ug/l	100
18) Methyl Acetate	2.75	43	350612	98.169	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	848896	96.548	ug/l	99
20) Methylene Chloride	2.83	84	261182	90.936	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	262993	96.394	ug/l	99
22) Diisopropyl ether	3.82	45	724708	85.443	ug/l	97
23) Vinyl Acetate	3.79	43	3191063	432.992	ug/l	99
24) 1,1-Dichloroethane	3.67	63	446608	91.846	ug/l	100
25) 2-Butanone	4.64	43	986373	430.863	ug/l	98
26) 2,2-Dichloropropane	4.55	77	421808	102.916	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	298010	94.886	ug/l	99
28) Bromochloromethane	4.98	49	191788	85.459	ug/l	99
29) Tetrahydrofuran	5.09	42	635809	430.550	ug/l	100
30) Chloroform	5.18	83	475838	96.307	ug/l	97
31) Cyclohexane	5.55	56	386794	89.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	452672	100.558	ug/l	100
36) 1,1-Dichloropropene	5.77	75	358647	98.774	ug/l	99
37) Ethyl Acetate	4.79	43	375297	88.103	ug/l	99
38) Carbon Tetrachloride	5.76	117	413290	106.847	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	416668	105.197	ug/l	99
40) Benzene	6.12	78	1050183	97.341	ug/l	100
41) Methacrylonitrile	5.01	41	207962	88.862	ug/l	98
42) 1,2-Dichloroethane	6.17	62	380937	99.162	ug/l	99
43) Isopropyl Acetate	6.42	43	607164	91.137	ug/l	100
44) Trichloroethene	7.19	130	327857	95.650	ug/l	99
45) 1,2-Dichloropropane	7.49	63	262261	95.981	ug/l	99
46) Dibromomethane	7.64	93	189002	101.945	ug/l	99
47) Bromodichloromethane	7.88	83	394671	102.716	ug/l	99
48) Methyl methacrylate	7.75	41	295323	92.770	ug/l	99
49) 1,4-Dioxane	7.71	88	142799	1899.776	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1883085	455.071	ug/l	99
52) Toluene	8.77	92	699216	102.288	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	461430	105.609	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	475021	103.103	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	279593	102.626	ug/l	97
56) Ethyl methacrylate	9.16	69	450367	102.861	ug/l	99
57) 1,3-Dichloropropane	9.35	76	459731	99.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1117070	489.212	ug/l	100
59) 2-Hexanone	9.48	43	1472190	458.074	ug/l	100
60) Dibromochloromethane	9.57	129	341336	110.413	ug/l	100
61) 1,2-Dibromoethane	9.65	107	305868	104.437	ug/l	98
64) Tetrachloroethene	9.32	164	345113	86.506	ug/l	96
65) Chlorobenzene	10.12	112	748986	101.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	302675	106.044	ug/l	98
67) Ethyl Benzene	10.24	91	1329018	101.430	ug/l	100
68) m/p-Xylenes	10.34	106	1017902	208.414	ug/l	100
69) o-Xylene	10.68	106	494078	104.374	ug/l	99
70) Styrene	10.70	104	877661	108.128	ug/l	99
71) Bromoform	10.84	173	271627	113.112	ug/l #	97
73) Isopropylbenzene	11.00	105	1323186	102.605	ug/l	100
74) N-amyl acetate	10.88	43	525509	91.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371118	113.518	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	388025m	95.606	ug/l	
77) Bromobenzene	11.24	156	350703	102.936	ug/l	100
78) n-propylbenzene	11.35	91	1467620	102.311	ug/l	100
79) 2-Chlorotoluene	11.40	91	884162	100.860	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1116997	103.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	164138	99.699	ug/l	98
82) 4-Chlorotoluene	11.49	91	1055927	102.292	ug/l	100
83) tert-Butylbenzene	11.76	119	1033565	111.271	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1140325	104.821	ug/l	100
85) sec-Butylbenzene	11.93	105	1219931	105.352	ug/l	99
86) p-Isopropyltoluene	12.05	119	1190311	109.487	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	598524	101.676	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	613068	101.827	ug/l	99
89) n-Butylbenzene	12.37	91	979238	108.560	ug/l	98
90) Hexachloroethane	12.58	117	210479	111.711	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	592934	103.752	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106868	102.587	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	435715	114.362	ug/l	98
94) Hexachlorobutadiene	13.76	225	187914	121.277	ug/l	97
95) Naphthalene	13.82	128	1421616	109.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	431408	114.624	ug/l	100

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

