

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016794.D
 Acq On : 16 Jun 2020 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:53 AM

Quant Time: Jun 17 06:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	299072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155539	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.46	113	130435	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	8.70	98	504356	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.12	95	190625	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	161161	47.705	ug/l	99
3) Chloromethane	1.31	50	153305	46.958	ug/l	99
4) Vinyl Chloride	1.39	62	175421	50.356	ug/l	98
5) Bromomethane	1.62	94	91961	42.506	ug/l	99
6) Chloroethane	1.71	64	107083	49.902	ug/l	99
7) Trichlorofluoromethane	1.92	101	246727	49.176	ug/l	99
8) Diethyl Ether	2.17	74	96336	47.019	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133254	52.203	ug/l	98
10) Methyl Iodide	2.49	142	135056	42.331	ug/l	96
11) Tert butyl alcohol	3.01	59	200269	236.977	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143045	48.936	ug/l	98
13) Acrolein	2.27	56	85042	236.462	ug/l	97
14) Allyl chloride	2.70	41	220734	48.282	ug/l	96
15) Acrylonitrile	3.12	53	416732	243.014	ug/l	99
16) Acetone	2.42	43	365593	239.588	ug/l	97
17) Carbon Disulfide	2.55	76	392550	46.891	ug/l	99
18) Methyl Acetate	2.75	43	208515	51.195	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	473482	47.526	ug/l	99
20) Methylene Chloride	2.83	84	153149	46.595	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	154827	49.290	ug/l	99
22) Diisopropyl ether	3.82	45	417298	48.595	ug/l	99
23) Vinyl Acetate	3.78	43	1819592	245.154	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256239	47.708	ug/l	99
25) 2-Butanone	4.64	43	566908	246.512	ug/l	98
26) 2,2-Dichloropropane	4.55	77	212424	42.713	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	170392	47.460	ug/l	99
28) Bromochloromethane	4.98	49	104893	45.782	ug/l #	4
29) Tetrahydrofuran	5.09	42	368006	247.019	ug/l	100
30) Chloroform	5.18	83	264177	46.492	ug/l	98
31) Cyclohexane	5.55	56	216695	50.103	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	245681	47.649	ug/l	100
36) 1,1-Dichloropropene	5.78	75	198270	49.077	ug/l	99
37) Ethyl Acetate	4.79	43	218143	49.306	ug/l	99
38) Carbon Tetrachloride	5.76	117	222113	48.410	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227153	48.517	ug/l	99
40) Benzene	6.12	78	600312	48.804	ug/l	98
41) Methacrylonitrile	5.01	41	115921	49.140	ug/l	99
42) 1,2-Dichloroethane	6.16	62	207151	46.142	ug/l	99
43) Isopropyl Acetate	6.42	43	345377	49.809	ug/l	100
44) Trichloroethene	7.19	130	233430	61.351	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149252	49.499	ug/l	99
46) Dibromomethane	7.64	93	103433	47.065	ug/l	98
47) Bromodichloromethane	7.88	83	216058	47.157	ug/l	97
48) Methyl methacrylate	7.74	41	166263	50.590	ug/l	98
49) 1,4-Dioxane	7.71	88	79317	975.240	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1088195	254.679	ug/l	99
52) Toluene	8.76	92	392261	49.095	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	248203	47.963	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	260215	48.207	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	158065	49.193	ug/l	95
56) Ethyl methacrylate	9.16	69	250025	51.971	ug/l	99
57) 1,3-Dichloropropane	9.35	76	260669	48.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	618466	261.460	ug/l	99
59) 2-Hexanone	9.48	43	844301	255.968	ug/l	99
60) Dibromochloromethane	9.57	129	188779	49.711	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171969	49.109	ug/l	99
64) Tetrachloroethene	9.32	164	201289	49.252	ug/l	97
65) Chlorobenzene	10.12	112	425820	49.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	168176	48.816	ug/l	99
67) Ethyl Benzene	10.24	91	739334	50.642	ug/l	99
68) m/p-Xylenes	10.34	106	567502	102.522	ug/l	100
69) o-Xylene	10.68	106	269414	50.521	ug/l	99
70) Styrene	10.70	104	481162	52.194	ug/l	99
71) Bromoform	10.84	173	152757	51.968	ug/l #	97
73) Isopropylbenzene	11.00	105	729211	49.941	ug/l	100
74) N-amyl acetate	10.88	43	293712	51.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	205199	47.774	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223779m	47.820	ug/l	
77) Bromobenzene	11.24	156	197421	47.886	ug/l	99
78) n-propylbenzene	11.34	91	803480	50.670	ug/l	100
79) 2-Chlorotoluene	11.40	91	488587	48.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	614063	50.168	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	86739	46.662	ug/l	95
82) 4-Chlorotoluene	11.49	91	575144	49.003	ug/l	99
83) tert-Butylbenzene	11.76	119	560712	50.064	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	630614	50.930	ug/l	99
85) sec-Butylbenzene	11.93	105	674495	51.485	ug/l	100
86) p-Isopropyltoluene	12.05	119	644899	51.304	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341444	48.988	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	345225	47.762	ug/l	100
89) n-Butylbenzene	12.37	91	535334	51.590	ug/l	99
90) Hexachloroethane	12.58	117	110902	47.844	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	328368	47.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57093	47.533	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	235026	48.149	ug/l	97
94) Hexachlorobutadiene	13.77	225	101747	47.392	ug/l	97
95) Naphthalene	13.82	128	783092	51.210	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	230855	48.051	ug/l	98

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

