

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016767.D
 Acq On : 15 Jun 2020 20:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 08:19:08 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	88596	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	118131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	88172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	38582	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	27132	27.25	ug/l	0.00
Spiked Amount			Recovery	=	54.50%	
35) Dibromofluoromethane	5.47	113	30579	41.96	ug/l	0.00
Spiked Amount			Recovery	=	83.92%	
50) Toluene-d8	8.70	98	131331	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.12	95	35336	34.38	ug/l	0.00
Spiked Amount			Recovery	=	68.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	44578	44.553	ug/l	98
3) Chloromethane	1.31	50	47247	48.853	ug/l	100
4) Vinyl Chloride	1.39	62	53085	51.441	ug/l	97
5) Bromomethane	1.64	94	28114	43.867	ug/l	100
6) Chloroethane	1.72	64	29076	45.740	ug/l	94
7) Trichlorofluoromethane	1.92	101	69296	46.623	ug/l	98
8) Diethyl Ether	2.17	74	12513	20.616	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31404	41.530	ug/l	99
10) Methyl Iodide	2.50	142	57823	61.179	ug/l	100
11) Tert butyl alcohol	3.04	59	8208	32.786	ug/l #	89
12) 1,1-Dichloroethene	2.36	96	39848	46.018	ug/l	97
13) Acrolein	2.28	56	4747	46.428	ug/l	100
14) Allyl chloride	2.71	41	48629	35.907	ug/l	94
15) Acrylonitrile	3.12	53	30533	60.104	ug/l	98
16) Acetone	2.43	43	24032	53.164	ug/l	96
17) Carbon Disulfide	2.56	76	120334	48.523	ug/l	100
18) Methyl Acetate	2.76	43	15004	12.435	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	56278	19.069	ug/l	97
20) Methylene Chloride	2.84	84	29444	30.240	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	38490	41.364	ug/l	99
22) Diisopropyl ether	3.84	45	69045	27.142	ug/l	92
23) Vinyl Acetate	3.79	43	185492	84.363	ug/l	99
24) 1,1-Dichloroethane	3.68	63	59553	37.430	ug/l	99
25) 2-Butanone	4.65	43	32876	48.258	ug/l	91
26) 2,2-Dichloropropane	4.56	77	54419	36.938	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	35746	33.610	ug/l	99
28) Bromochloromethane	4.99	49	17039	25.104	ug/l	100
29) Tetrahydrofuran	5.10	42	22696	51.426	ug/l	99
30) Chloroform	5.19	83	57198	33.980	ug/l	97
31) Cyclohexane	5.56	56	53035	41.515	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	64773	42.407	ug/l	100
36) 1,1-Dichloropropene	5.78	75	52369	50.164	ug/l	98
37) Ethyl Acetate	4.81	43	15526	13.580	ug/l	99
38) Carbon Tetrachloride	5.76	117	59098	49.846	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54029	44.733	ug/l	99
40) Benzene	6.12	78	133701	42.064	ug/l	99
41) Methacrylonitrile	5.02	41	8777	14.398	ug/l	95
42) 1,2-Dichloroethane	6.17	62	30673	26.440	ug/l	99
43) Isopropyl Acetate	6.42	43	28174	15.724	ug/l	99
44) Trichloroethene	7.20	130	42267	42.990	ug/l	99
45) 1,2-Dichloropropane	7.49	63	27317	35.059	ug/l	99
46) Dibromomethane	7.64	93	13466	23.712	ug/l	98
47) Bromodichloromethane	7.88	83	37299	31.504	ug/l	99
48) Methyl methacrylate	7.75	41	13289	15.648	ug/l	97
49) 1,4-Dioxane	7.74	88	2329	110.818	ug/l #	71
51) 4-Methyl-2-Pentanone	8.62	43	74110	67.121	ug/l	99
52) Toluene	8.77	92	84348	40.854	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	31126	23.277	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	39528	28.338	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	18872	22.729	ug/l	94
56) Ethyl methacrylate	9.17	69	21922	17.634	ug/l	94
57) 1,3-Dichloropropane	9.35	76	32339	23.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	50717	82.974	ug/l	100
59) 2-Hexanone	9.48	43	50238	58.941	ug/l	98
60) Dibromochloromethane	9.57	129	23905	24.361	ug/l	100
61) 1,2-Dibromoethane	9.66	107	18067	19.966	ug/l	96
64) Tetrachloroethene	9.32	164	44653	52.739	ug/l	98
65) Chlorobenzene	10.12	112	79439	44.402	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	27354	38.326	ug/l	97
67) Ethyl Benzene	10.24	91	153808	50.854	ug/l	99
68) m/p-Xylenes	10.34	106	117011	102.036	ug/l	98
69) o-Xylene	10.68	106	50900	46.073	ug/l	99
70) Styrene	10.70	104	79669	41.715	ug/l	99
71) Bromoform	10.84	173	14283	23.455	ug/l #	98
73) Isopropylbenzene	11.01	105	154783	61.140	ug/l	100
74) N-amyl acetate	10.88	43	22216	22.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	17654	23.706	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	17496m	21.564	ug/l	
77) Bromobenzene	11.24	156	30121	42.139	ug/l	99
78) n-propylbenzene	11.34	91	180760	65.748	ug/l	99
79) 2-Chlorotoluene	11.40	91	94643	54.439	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	120884	56.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	3627	11.254	ug/l	98
82) 4-Chlorotoluene	11.49	91	106750	52.458	ug/l	100
83) tert-Butylbenzene	11.76	119	114293	58.858	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	113272	52.763	ug/l	99
85) sec-Butylbenzene	11.93	105	146786	64.623	ug/l	99
86) p-Isopropyltoluene	12.05	119	129535	59.436	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	56248	46.546	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	54445	43.444	ug/l	100
89) n-Butylbenzene	12.37	91	109240	60.718	ug/l	99
90) Hexachloroethane	12.58	117	20759	51.652	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	44073	36.469	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3277	15.736	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	21162	25.005	ug/l	99
94) Hexachlorobutadiene	13.77	225	17504	47.027	ug/l	96
95) Naphthalene	13.82	128	36453	13.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	13847	16.623	ug/l	99

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

