

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011669.D
 Acq On : 20 Aug 2019 06:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:40:26 PM

Quant Time: Aug 20 14:08:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	289171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	466808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	218498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150163	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
35) Dibromofluoromethane	5.49	113	139093	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
50) Toluene-d8	8.71	98	440681	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	11.13	95	176723	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	176529	62.106	ug/l	98
3) Chloromethane	1.32	50	139564	47.275	ug/l	98
4) Vinyl Chloride	1.40	62	143794	53.920	ug/l	99
5) Bromomethane	1.63	94	71035	59.447	ug/l	98
6) Chloroethane	1.71	64	79746	63.182	ug/l	97
7) Trichlorofluoromethane	1.92	101	225647	61.088	ug/l	98
8) Diethyl Ether	2.18	74	76416	60.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139928	54.845	ug/l	97
10) Methyl Iodide	2.50	142	209880	57.746	ug/l	100
11) Tert butyl alcohol	3.04	59	189046	287.351	ug/l	99
12) 1,1-Dichloroethene	2.37	96	138138	56.025	ug/l	96
13) Acrolein	2.29	56	46132	228.967	ug/l	92
14) Allyl chloride	2.72	41	229269	55.898	ug/l	98
15) Acrylonitrile	3.14	53	446198	296.335	ug/l	100
16) Acetone	2.43	43	388941	288.447	ug/l	98
17) Carbon Disulfide	2.56	76	324587	55.867	ug/l	100
18) Methyl Acetate	2.76	43	262909	62.869	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	495850	61.748	ug/l	98
20) Methylene Chloride	2.85	84	160466	56.679	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	152096	58.211	ug/l	99
22) Diisopropyl ether	3.85	45	494194	60.502	ug/l	99
23) Vinyl Acetate	3.81	43	1943442	300.461	ug/l	100
24) 1,1-Dichloroethane	3.69	63	273305	59.180	ug/l	98
25) 2-Butanone	4.67	43	619535	292.665	ug/l	97
26) 2,2-Dichloropropane	4.58	77	129119	37.147	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	180567	59.281	ug/l	96
28) Bromochloromethane	5.01	49	111966	55.228	ug/l	99
29) Tetrahydrofuran	5.12	42	388344	279.665	ug/l	98
30) Chloroform	5.20	83	290396	59.583	ug/l	98
31) Cyclohexane	5.57	56	226827	57.046	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	256144	61.121	ug/l	99
36) 1,1-Dichloropropene	5.79	75	196530	49.241	ug/l	99
37) Ethyl Acetate	4.82	43	228680	49.815	ug/l	100
38) Carbon Tetrachloride	5.77	117	226176	51.437	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	240045	48.703	ug/l	99
40) Benzene	6.13	78	576396	46.473	ug/l	99
41) Methacrylonitrile	5.03	41	129701	51.336	ug/l	98
42) 1,2-Dichloroethane	6.19	62	227324	52.901	ug/l	97
43) Isopropyl Acetate	6.44	43	361220	50.421	ug/l	99
44) Trichloroethene	7.21	130	187842	51.053	ug/l	99
45) 1,2-Dichloropropane	7.51	63	161284	52.142	ug/l	95
46) Dibromomethane	7.66	93	113973	50.705	ug/l	99
47) Bromodichloromethane	7.90	83	215906	52.313	ug/l	98
48) Methyl methacrylate	7.77	41	186431	52.549	ug/l	100
49) 1,4-Dioxane	7.73	88	93443	990.252	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1190173	253.810	ug/l	99
52) Toluene	8.78	92	365267	46.226	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	199248	46.517	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	234169	49.955	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	155870	46.387	ug/l	98
56) Ethyl methacrylate	9.18	69	237858	48.703	ug/l	96
57) 1,3-Dichloropropane	9.37	76	251459	47.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	601503	247.182	ug/l	98
59) 2-Hexanone	9.49	43	859984	237.819	ug/l	99
60) Dibromochloromethane	9.58	129	176102	50.301	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168104	46.876	ug/l	99
64) Tetrachloroethene	9.34	164	162122	51.764	ug/l	98
65) Chlorobenzene	10.13	112	416524	51.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	162901	53.532	ug/l	99
67) Ethyl Benzene	10.25	91	721170	53.075	ug/l	98
68) m/p-Xylenes	10.35	106	547721	105.015	ug/l	95
69) o-Xylene	10.69	106	270578	52.962	ug/l	100
70) Styrene	10.71	104	464138	53.966	ug/l	98
71) Bromoform	10.85	173	139234	47.275	ug/l #	98
73) Isopropylbenzene	11.02	105	728749	51.400	ug/l	99
74) N-amyl acetate	10.90	43	309346	51.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	250405	51.341	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	214637m	51.804	ug/l	
77) Bromobenzene	11.25	156	207864	49.278	ug/l	95
78) n-propylbenzene	11.36	91	817936	53.501	ug/l	98
79) 2-Chlorotoluene	11.42	91	508264	54.141	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	649117	54.502	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	62089	41.439	ug/l	94
82) 4-Chlorotoluene	11.51	91	587006	53.897	ug/l	97
83) tert-Butylbenzene	11.77	119	640171	52.775	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	672939	56.281	ug/l	99
85) sec-Butylbenzene	11.94	105	731604	53.458	ug/l	99
86) p-Isopropyltoluene	12.06	119	699124	54.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	380174	52.434	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	371299	50.526	ug/l	99
89) n-Butylbenzene	12.38	91	569762	53.827	ug/l	99
90) Hexachloroethane	12.59	117	115425	56.771	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	394546	54.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	61106	54.763	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	303166	55.903	ug/l	99
94) Hexachlorobutadiene	13.78	225	153122	51.854	ug/l	99
95) Naphthalene	13.83	128	905674	59.074	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	314580	57.512	ug/l	100

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

