

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009956.D
 Acq On : 30 May 2019 13:31
 Operator : JC/SP
 Sample : VX0530WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 9:23:51 AM

Quant Time: May 31 06:38:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112042	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112855	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.80%		
35) Dibromofluoromethane	5.50	113	80765	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.48%		
50) Toluene-d8	8.71	98	325330	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.68%		
62) 4-Bromofluorobenzene	11.13	95	117663	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.38%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41181	20.836	ug/l	100
3) Chloromethane	1.32	50	51076	19.223	ug/l	98
4) Vinyl Chloride	1.41	62	47837	19.972	ug/l	100
5) Bromomethane	1.64	94	25109	17.302	ug/l	100
6) Chloroethane	1.72	64	26093	17.697	ug/l	96
7) Trichlorofluoromethane	1.93	101	50441	19.057	ug/l	98
8) Diethyl Ether	2.19	74	21621	17.383	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30293	18.957	ug/l	98
10) Methyl Iodide	2.51	142	32247	19.435	ug/l	98
11) Tert butyl alcohol	3.04	59	54750	97.375	ug/l	100
12) 1,1-Dichloroethene	2.37	96	30688	18.735	ug/l	97
13) Acrolein	2.29	56	32340	95.394	ug/l	99
14) Allyl chloride	2.73	41	75207	18.891	ug/l	99
15) Acrylonitrile	3.14	53	129444	95.548	ug/l	99
16) Acetone	2.45	43	123778	93.768	ug/l	99
17) Carbon Disulfide	2.57	76	89299	18.251	ug/l	98
18) Methyl Acetate	2.78	43	58592	19.076	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	114816	18.567	ug/l	99
20) Methylene Chloride	2.85	84	37180	18.393	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32556	17.863	ug/l	98
22) Diisopropyl ether	3.85	45	146041	19.280	ug/l	98
23) Vinyl Acetate	3.82	43	644890	94.770	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69591	18.958	ug/l	99
25) 2-Butanone	4.68	43	197022	95.800	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49678	17.890	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37269	17.715	ug/l	98
28) Bromochloromethane	5.02	49	31546	16.560	ug/l	99
29) Tetrahydrofuran	5.13	42	127439	96.631	ug/l	99
30) Chloroform	5.21	83	61670	18.628	ug/l	99
31) Cyclohexane	5.59	56	67577	19.437	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	51253	19.010	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47349	18.252	ug/l	99
37) Ethyl Acetate	4.84	43	72126	19.954	ug/l	99
38) Carbon Tetrachloride	5.79	117	43417	19.368	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58778	19.102	ug/l	99
40) Benzene	6.14	78	149503	19.428	ug/l	98
41) Methacrylonitrile	5.04	41	40733	19.285	ug/l	99
42) 1,2-Dichloroethane	6.20	62	54770	19.252	ug/l	100
43) Isopropyl Acetate	6.45	43	109987	18.858	ug/l	100
44) Trichloroethene	7.21	130	34512	18.463	ug/l	99
45) 1,2-Dichloropropane	7.51	63	42169	19.036	ug/l	97
46) Dibromomethane	7.66	93	23681	18.161	ug/l	99
47) Bromodichloromethane	7.90	83	47549	19.176	ug/l	98
48) Methyl methacrylate	7.77	41	56568	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	20672	384.919	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	359051	94.636	ug/l	100
52) Toluene	8.78	92	88968	19.041	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52718	17.728	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	59524	18.371	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	36088	19.190	ug/l	98
56) Ethyl methacrylate	9.18	69	63726	19.034	ug/l	99
57) 1,3-Dichloropropane	9.37	76	63062	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	166590	94.891	ug/l	99
59) 2-Hexanone	9.49	43	288179	98.657	ug/l	99
60) Dibromochloromethane	9.58	129	34243	18.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36264	18.770	ug/l	99
64) Tetrachloroethene	9.34	164	32570	19.912	ug/l	98
65) Chlorobenzene	10.14	112	90177	18.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	32381	19.043	ug/l	99
67) Ethyl Benzene	10.25	91	167421	19.020	ug/l	98
68) m/p-Xylenes	10.36	106	122762	37.750	ug/l	99
69) o-Xylene	10.69	106	59553	19.095	ug/l	99
70) Styrene	10.71	104	101944	18.641	ug/l	99
71) Bromoform	10.85	173	25883	18.622	ug/l	98
73) Isopropylbenzene	11.02	105	156603	18.944	ug/l	100
74) N-amyl acetate	10.90	43	94714	19.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59953	19.439	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	52085m	19.440	ug/l	
77) Bromobenzene	11.26	156	39345	18.676	ug/l	98
78) n-propylbenzene	11.36	91	183042	19.210	ug/l	100
79) 2-Chlorotoluene	11.42	91	110374	18.959	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	133583	19.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18837	17.395	ug/l	95
82) 4-Chlorotoluene	11.51	91	126061	18.601	ug/l	100
83) tert-Butylbenzene	11.77	119	125158	18.784	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	134528	19.021	ug/l	100
85) sec-Butylbenzene	11.94	105	152037	19.180	ug/l	100
86) p-Isopropyltoluene	12.06	119	137713	19.315	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67976	18.124	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	68610	17.937	ug/l	99
89) n-Butylbenzene	12.38	91	124185	18.534	ug/l	99
90) Hexachloroethane	12.60	117	23405	19.129	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	69311	18.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13603	18.738	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48009	18.167	ug/l	99
94) Hexachlorobutadiene	13.78	225	25023	18.879	ug/l	99
95) Naphthalene	13.83	128	153637	18.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48763	18.435	ug/l	99

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

