

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002735.D
 Acq On : 20 Jun 2018 02:03
 Operator : JC/MD
 Sample : VX0619WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 6:26:59 PM

Quant Time: Jun 20 07:12:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156030	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.51	113	122792	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	8.72	98	448094	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.14	95	167376	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48130	19.97	ug/l	96
3) Chloromethane	1.32	50	50632	17.66	ug/l	98
4) Vinyl Chloride	1.40	62	55858	18.77	ug/l	98
5) Bromomethane	1.64	94	32167	17.92	ug/l	100
6) Chloroethane	1.72	64	36971	18.85	ug/l	98
7) Trichlorofluoromethane	1.93	101	95404	19.73	ug/l	97
8) Diethyl Ether	2.19	74	33987	18.48	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51546	19.08	ug/l	99
10) Methyl Iodide	2.51	142	51748	17.90	ug/l	99
11) Tert butyl alcohol	3.08	59	67177	94.18	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46946	18.50	ug/l	99
13) Acrolein	2.30	56	41627	127.93	ug/l	98
14) Allyl chloride	2.73	41	89213	17.71	ug/l	100
15) Acrylonitrile	3.15	53	145328	93.36	ug/l	99
16) Acetone	2.45	43	141360	92.86	ug/l	100
17) Carbon Disulfide	2.57	76	117874	19.59	ug/l	99
18) Methyl Acetate	2.78	43	77461	19.10	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	171822	18.05	ug/l	99
20) Methylene Chloride	2.86	84	53339	17.09	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	50372	18.30	ug/l	99
22) Diisopropyl ether	3.88	45	168522	18.49	ug/l	97
23) Vinyl Acetate	3.83	43	696360	91.29	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92107	18.62	ug/l	99
25) 2-Butanone	4.71	43	196909	98.49	ug/l	97
26) 2,2-Dichloropropane	4.59	77	45581	12.82	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	53396	19.07	ug/l	94
28) Bromochloromethane	5.02	49	41797	18.04	ug/l	96
29) Tetrahydrofuran	5.17	42	127062	96.97	ug/l	98
30) Chloroform	5.22	83	93289	19.56	ug/l	99
31) Cyclohexane	5.57	56	76254	18.72	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	80076	20.07	ug/l	100
36) 1,1-Dichloropropene	5.80	75	66014	19.28	ug/l	98
37) Ethyl Acetate	4.87	43	75915	19.59	ug/l	98
38) Carbon Tetrachloride	5.78	117	71027	20.83	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74520	18.62	ug/l	96
40) Benzene	6.15	78	200502	19.53	ug/l	100
41) Methacrylonitrile	5.07	41	42833	19.57	ug/l	97
42) 1,2-Dichloroethane	6.20	62	79737	20.06	ug/l	100
43) Isopropyl Acetate	6.47	43	121384	18.90	ug/l	99
44) Trichloroethene	7.21	130	58880	19.87	ug/l	99
45) 1,2-Dichloropropane	7.52	63	52505	19.43	ug/l	97
46) Dibromomethane	7.66	93	36484	20.18	ug/l	99
47) Bromodichloromethane	7.90	83	65022	20.39	ug/l	99
48) Methyl methacrylate	7.78	41	63404	19.32	ug/l	98
49) 1,4-Dioxane	7.76	88	25563	411.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	409311	99.28	ug/l	99
52) Toluene	8.79	92	130569	19.94	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	70723	18.35	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	63297	17.92	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53662	20.28	ug/l	96
56) Ethyl methacrylate	9.18	69	77100	18.93	ug/l	98
57) 1,3-Dichloropropane	9.38	76	87108	19.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	177617	90.17	ug/l	99
59) 2-Hexanone	9.50	43	310329	99.89	ug/l	100
60) Dibromochloromethane	9.59	129	51373	19.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	55136	20.12	ug/l	99
64) Tetrachloroethene	9.34	164	65091	18.98	ug/l	98
65) Chlorobenzene	10.14	112	149390	19.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52517	20.30	ug/l	99
67) Ethyl Benzene	10.26	91	246632	19.27	ug/l	98
68) m/p-Xylenes	10.36	106	190814	38.65	ug/l	99
69) o-Xylene	10.70	106	93344	19.25	ug/l	97
70) Styrene	10.71	104	154878	19.42	ug/l	99
71) Bromoform	10.86	173	38670	19.67	ug/l #	98
73) Isopropylbenzene	11.02	105	248698	19.83	ug/l	100
74) N-amyl acetate	6.47	43	121384	19.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78795	21.28	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75519m	21.35	ug/l	
77) Bromobenzene	11.26	156	71187	20.38	ug/l	97
78) n-propylbenzene	11.37	91	279584	19.44	ug/l	100
79) 2-Chlorotoluene	11.43	91	168464	19.62	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	209922	19.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15524	17.05	ug/l	88
82) 4-Chlorotoluene	11.51	91	199518	19.69	ug/l	99
83) tert-Butylbenzene	11.77	119	203911	19.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	215830	19.96	ug/l	99
85) sec-Butylbenzene	11.95	105	245913	19.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	221729	19.31	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	125528	19.59	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	128176	19.66	ug/l	100
89) n-Butylbenzene	12.39	91	185623	18.32	ug/l	99
90) Hexachloroethane	12.60	117	30362	18.69	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	127985	19.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15855	20.44	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89545	19.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	45698	18.54	ug/l	99
95) Naphthalene	13.84	128	256903	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92757	19.74	ug/l	100

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

