

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002736.D
 Acq On : 20 Jun 2018 02:29
 Operator : JC/MD
 Sample : VX0619WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0136DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 07:14:52 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	234113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154857	43.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.06%	
35) Dibromofluoromethane	5.51	113	123072	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	8.72	98	455005	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
62) 4-Bromofluorobenzene	11.14	95	168369	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48397	19.47	ug/l	99
3) Chloromethane	1.32	50	50719	17.16	ug/l	98
4) Vinyl Chloride	1.40	62	57516	18.75	ug/l	97
5) Bromomethane	1.64	94	32074	17.33	ug/l	97
6) Chloroethane	1.72	64	37328	18.46	ug/l	98
7) Trichlorofluoromethane	1.93	101	97961	19.65	ug/l	95
8) Diethyl Ether	2.19	74	34137	18.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53165	19.08	ug/l	99
10) Methyl Iodide	2.51	142	57131	18.80	ug/l	99
11) Tert butyl alcohol	3.08	59	72400	98.44	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47976	18.34	ug/l	98
13) Acrolein	2.30	56	43936	130.80	ug/l	100
14) Allyl chloride	2.73	41	90708	17.46	ug/l	99
15) Acrylonitrile	3.15	53	148881	92.77	ug/l	100
16) Acetone	2.45	43	142470	90.77	ug/l	100
17) Carbon Disulfide	2.57	76	121959	19.66	ug/l	100
18) Methyl Acetate	2.78	43	81103	19.40	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	178891	18.23	ug/l	100
20) Methylene Chloride	2.86	84	55467	17.24	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53143	18.73	ug/l	97
22) Diisopropyl ether	3.88	45	173101	18.42	ug/l	99
23) Vinyl Acetate	3.83	43	719316	91.46	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94296	18.49	ug/l	100
25) 2-Butanone	4.71	43	198659	96.38	ug/l	97
26) 2,2-Dichloropropane	4.59	77	46102	12.58	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	54593	18.91	ug/l	95
28) Bromochloromethane	5.03	49	43656	18.28	ug/l	97
29) Tetrahydrofuran	5.17	42	130669	96.73	ug/l	98
30) Chloroform	5.22	83	96403	19.60	ug/l	98
31) Cyclohexane	5.57	56	79277	18.88	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	84151	20.46	ug/l	99
36) 1,1-Dichloropropene	5.81	75	68408	19.47	ug/l	98
37) Ethyl Acetate	4.87	43	76935	19.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	72768	20.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77799	18.94	ug/l	99
40) Benzene	6.15	78	208141	19.76	ug/l	100
41) Methacrylonitrile	5.07	41	43515	19.38	ug/l	97
42) 1,2-Dichloroethane	6.20	62	82241	20.17	ug/l	100
43) Isopropyl Acetate	6.47	43	124110	18.84	ug/l	99
44) Trichloroethene	7.22	130	59743	19.65	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55025	19.85	ug/l	100
46) Dibromomethane	7.67	93	37798	20.38	ug/l	99
47) Bromodichloromethane	7.90	83	66529	20.34	ug/l	94
48) Methyl methacrylate	7.78	41	63542	18.88	ug/l	97
49) 1,4-Dioxane	7.76	88	26955	422.82	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	418061	98.84	ug/l	100
52) Toluene	8.79	92	133369	19.85	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	71762	18.18	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64793	17.89	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54633	20.12	ug/l	100
56) Ethyl methacrylate	9.18	69	79988	19.14	ug/l	97
57) 1,3-Dichloropropane	9.38	76	89049	19.39	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	177584	87.87	ug/l	97
59) 2-Hexanone	9.50	43	315057	98.85	ug/l	98
60) Dibromochloromethane	9.59	129	53280	19.89	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57180	20.34	ug/l	100
64) Tetrachloroethene	9.34	164	67437	19.20	ug/l	97
65) Chlorobenzene	10.14	112	153505	19.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54480	20.56	ug/l	100
67) Ethyl Benzene	10.26	91	253880	19.37	ug/l	100
68) m/p-Xylenes	10.36	106	196489	38.86	ug/l	99
69) o-Xylene	10.70	106	95403	19.20	ug/l	99
70) Styrene	10.71	104	160173	19.61	ug/l	99
71) Bromoform	10.86	173	40480	20.00	ug/l #	99
73) Isopropylbenzene	11.02	105	259820	20.27	ug/l	100
74) N-amyl acetate	6.47	43	124110	19.49	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79553	21.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77977m	21.57	ug/l	
77) Bromobenzene	11.26	156	73043	20.46	ug/l	97
78) n-propylbenzene	11.37	91	293528	19.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	177714	20.25	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216436	19.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15698	16.91	ug/l #	85
82) 4-Chlorotoluene	11.51	91	205565	19.85	ug/l	99
83) tert-Butylbenzene	11.77	119	211128	20.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	224811	20.34	ug/l	99
85) sec-Butylbenzene	11.95	105	259169	19.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	231681	19.74	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	130935	20.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134366	20.17	ug/l	100
89) n-Butylbenzene	12.39	91	190231	18.37	ug/l	99
90) Hexachloroethane	12.60	117	31980	19.18	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	132238	20.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16748	21.13	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	93859	19.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	48028	19.06	ug/l	99
95) Naphthalene	13.84	128	265033	20.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97364	20.27	ug/l	99

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

