

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002648.D
 Acq On : 16 Jun 2018 15:08
 Operator : JC/MD
 Sample : J3477-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0135MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:10 PM

Quant Time: Jun 18 08:07:57 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	149419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	265630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147291	64.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.74%	
35) Dibromofluoromethane	5.51	113	113519	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	8.72	98	396823	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	154194	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41898	26.41	ug/l	98
3) Chloromethane	1.32	50	106278	56.32	ug/l	99
4) Vinyl Chloride	1.41	62	124305	63.48	ug/l #	88
5) Bromomethane	1.64	94	60832	51.49	ug/l	98
6) Chloroethane	1.72	64	121442	94.10	ug/l	93
7) Trichlorofluoromethane	1.93	101	119359	37.52	ug/l	99
8) Diethyl Ether	2.19	74	78328	64.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49630	27.91	ug/l	99
10) Methyl Iodide	2.51	142	134333	55.36	ug/l	99
11) Tert butyl alcohol	3.08	59	130935	278.94	ug/l	98
12) 1,1-Dichloroethene	2.37	96	79347	47.53	ug/l	98
13) Acrolein	2.30	56	61463	278.50	ug/l	97
14) Allyl chloride	2.73	41	183904	55.48	ug/l	98
15) Acrylonitrile	3.15	53	332417	324.53	ug/l	100
16) Acetone	2.45	43	317152	316.59	ug/l	98
17) Carbon Disulfide	2.57	76	211375	53.38	ug/l	99
18) Methyl Acetate	2.78	43	149314	55.95	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	413426	66.01	ug/l	99
20) Methylene Chloride	2.86	84	120615	58.72	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	103876	57.35	ug/l	99
22) Diisopropyl ether	3.88	45	379807	63.33	ug/l	99
23) Vinyl Acetate	3.83	43	1341271	267.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	204583	62.85	ug/l	100
25) 2-Butanone	4.71	43	422698	321.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69819	29.85	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	152433	82.71	ug/l	88
28) Bromochloromethane	5.03	49	106143	69.63	ug/l	97
29) Tetrahydrofuran	5.17	42	282773	327.96	ug/l	98
30) Chloroform	5.22	83	205476	65.46	ug/l	98
31) Cyclohexane	5.58	56	88225	32.92	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	148454	56.55	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114517	40.59	ug/l	98
37) Ethyl Acetate	4.87	43	143896	45.06	ug/l	99
38) Carbon Tetrachloride	5.79	117	116415	41.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73807	22.38	ug/l	95
40) Benzene	6.15	78	431520	51.01	ug/l	99
41) Methacrylonitrile	5.07	41	100080	55.51	ug/l	98
42) 1,2-Dichloroethane	6.20	62	178812	54.60	ug/l	99
43) Isopropyl Acetate	6.47	43	258716	48.90	ug/l	99
44) Trichloroethene	7.22	130	110924	45.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	118584	53.26	ug/l	100
46) Dibromomethane	7.67	93	84312	56.61	ug/l	98
47) Bromodichloromethane	7.90	83	151171	57.55	ug/l	97
48) Methyl methacrylate	7.78	41	149424	55.27	ug/l	99
49) 1,4-Dioxane	7.76	88	47702	931.72	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	928171	273.24	ug/l	99
52) Toluene	8.79	92	272683	50.53	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	158867	45.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	149191	45.30	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	124520	57.11	ug/l	97
56) Ethyl methacrylate	9.18	69	188779	56.26	ug/l	97
57) 1,3-Dichloropropane	9.38	76	201938	54.76	ug/l	99
59) 2-Hexanone	9.50	43	701057	273.89	ug/l	98
60) Dibromochloromethane	9.59	129	126286	51.38	ug/l	100
61) 1,2-Dibromoethane	9.68	107	130898	57.97	ug/l	100
64) Tetrachloroethene	9.34	164	94891	31.95	ug/l	98
65) Chlorobenzene	10.14	112	354683	53.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	124888	55.75	ug/l	99
67) Ethyl Benzene	10.26	91	521575	47.06	ug/l	99
68) m/p-Xylenes	10.36	106	404182	94.54	ug/l	99
69) o-Xylene	10.70	106	208711	49.69	ug/l	97
70) Styrene	10.71	104	351344	50.86	ug/l	99
71) Bromoform	10.86	173	97710	48.11	ug/l	100
73) Isopropylbenzene	11.02	105	505057	45.69	ug/l	100
74) N-amyl acetate	6.47	43	258716	47.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191657	58.72	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	174518m	55.96	ug/l	
77) Bromobenzene	11.26	156	161043	52.30	ug/l	97
78) n-propylbenzene	11.37	91	558145	44.03	ug/l	99
79) 2-Chlorotoluene	11.43	91	370160	48.91	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	442900	47.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	34460	36.58	ug/l	95
82) 4-Chlorotoluene	11.51	91	437099	48.94	ug/l	99
83) tert-Butylbenzene	11.77	119	432735	48.09	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	470808	49.39	ug/l	98
85) sec-Butylbenzene	11.95	105	462099	41.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	430657	42.54	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	286582	50.75	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	312459	54.38	ug/l	99
89) n-Butylbenzene	12.39	91	338715	37.92	ug/l	99
90) Hexachloroethane	12.60	117	70155	44.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	424378	74.66	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40843	59.74	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	201990	48.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	71690	32.99	ug/l	99
95) Naphthalene	13.84	128	622620	56.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	213740	51.59	ug/l	100

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

