

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002647.D
 Acq On : 16 Jun 2018 14:42
 Operator : JC/MD
 Sample : J3479-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-180611MSD

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:11 PM

Quant Time: Jun 18 08:06:06 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	207387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157186	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	126185	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.72	98	465165	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	182984	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99951	45.40	ug/l	97
3) Chloromethane	1.32	50	113568	43.36	ug/l	99
4) Vinyl Chloride	1.41	62	127073	46.76	ug/l	97
5) Bromomethane	1.64	94	70554	43.03	ug/l	100
6) Chloroethane	1.72	64	88821	49.59	ug/l	99
7) Trichlorofluoromethane	1.93	101	214230	48.52	ug/l	98
8) Diethyl Ether	2.19	74	82614	49.19	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115318	46.72	ug/l	99
10) Methyl Iodide	2.51	142	143690	43.85	ug/l	100
11) Tert butyl alcohol	3.08	59	217243	333.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111161	47.97	ug/l	99
13) Acrolein	2.30	56	75655	247.77	ug/l	98
14) Allyl chloride	2.73	41	214936	46.72	ug/l	99
15) Acrylonitrile	3.15	53	388170	273.04	ug/l	99
16) Acetone	2.45	43	381690	274.52	ug/l	100
17) Carbon Disulfide	2.57	76	278055	50.59	ug/l	99
18) Methyl Acetate	2.78	43	195987	52.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	431224	49.61	ug/l	99
20) Methylene Chloride	2.86	84	129215	45.32	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	122397	48.69	ug/l	97
22) Diisopropyl ether	3.88	45	408127	49.03	ug/l	99
23) Vinyl Acetate	3.83	43	1686479	242.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235358	52.09	ug/l	100
25) 2-Butanone	4.71	43	528256	289.30	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85581	26.36	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	129823	50.75	ug/l	90
28) Bromochloromethane	5.03	49	111788	52.83	ug/l	96
29) Tetrahydrofuran	5.17	42	344239	287.66	ug/l	97
30) Chloroform	5.22	83	224094	51.44	ug/l	97
31) Cyclohexane	5.58	56	180594	48.55	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	190539	52.29	ug/l	100
36) 1,1-Dichloropropene	5.81	75	159279	48.17	ug/l	99
37) Ethyl Acetate	4.87	43	190935	51.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	167211	50.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179110	46.33	ug/l	97
40) Benzene	6.15	78	523884	52.83	ug/l	99
41) Methacrylonitrile	5.07	41	114036	53.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	191151	49.79	ug/l	100
43) Isopropyl Acetate	6.47	43	313095	50.49	ug/l	99
44) Trichloroethene	7.22	130	139501	48.74	ug/l	99
45) 1,2-Dichloropropane	7.52	63	128093	49.08	ug/l	99
46) Dibromomethane	7.66	93	91012	52.14	ug/l	99
47) Bromodichloromethane	7.90	83	164063	53.29	ug/l	98
48) Methyl methacrylate	7.78	41	166746	52.62	ug/l	97
49) 1,4-Dioxane	7.76	88	66660	1110.78	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1147762	288.26	ug/l	100
52) Toluene	8.79	92	316402	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	174632	43.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	163052	42.46	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	132093	51.68	ug/l	98
56) Ethyl methacrylate	9.19	69	208352	52.97	ug/l	98
57) 1,3-Dichloropropane	9.38	76	215544	49.86	ug/l	100
59) 2-Hexanone	9.50	43	903286	301.06	ug/l	98
60) Dibromochloromethane	9.59	129	135391	47.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	139943	52.87	ug/l	98
64) Tetrachloroethene	9.34	164	146040	42.94	ug/l	97
65) Chlorobenzene	10.15	112	5850731	777.52	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	134926	52.59	ug/l	99
67) Ethyl Benzene	10.26	91	632214	49.81	ug/l	98
68) m/p-Xylenes	10.37	106	484005	98.86	ug/l	99
69) o-Xylene	10.70	106	238663	49.62	ug/l	98
70) Stvrene	10.71	104	405385	51.25	ug/l	99
71) Bromoform	10.86	173	107739	46.51	ug/l #	99
73) Isopropylbenzene	11.02	105	642237	47.98	ug/l	99
74) N-amyl acetate	6.47	43	313095	47.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206882	52.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	198181m	52.48	ug/l	
77) Bromobenzene	11.26	156	182768	49.01	ug/l	97
78) n-propylbenzene	11.37	91	729367	47.51	ug/l	99
79) 2-Chlorotoluene	11.43	91	437503	47.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	544005	48.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42333	37.05	ug/l	96
82) 4-Chlorotoluene	11.51	91	523925	48.44	ug/l	99
83) tert-Butylbenzene	11.77	119	542658	49.80	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	564898	48.94	ug/l	99
85) sec-Butylbenzene	11.95	105	647667	47.80	ug/l	99
86) p-Isopropyltoluene	12.07	119	587968	47.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	990595	144.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2293066	329.53	ug/l	99
89) n-Butylbenzene	12.39	91	584377	54.03	ug/l	99
90) Hexachloroethane	12.60	117	86908	45.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	13049412	1895.85	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49591	59.89	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	293136	58.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	120709	45.87	ug/l	99
95) Naphthalene	13.84	128	752119	55.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287132	57.23	ug/l	100

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

