

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002599.D
 Acq On : 15 Jun 2018 14:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061518

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:00 PM

Quant Time: Jun 16 01:53:40 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	256683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194203	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.51	113	152266	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.72	98	570049	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	223625	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114540	42.03	ug/l	97
3) Chloromethane	1.32	50	138135	42.61	ug/l	100
4) Vinyl Chloride	1.40	62	144244	42.88	ug/l	100
5) Bromomethane	1.64	94	106120	52.29	ug/l	100
6) Chloroethane	1.72	64	96381	43.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	241317	44.16	ug/l	100
8) Diethyl Ether	2.19	74	96713	46.53	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139115	45.54	ug/l	99
10) Methyl Iodide	2.51	142	165878	41.25	ug/l	100
11) Tert butyl alcohol	3.07	59	186446	231.22	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123917	43.21	ug/l	99
13) Acrolein	2.29	56	97074	256.61	ug/l	99
14) Allyl chloride	2.73	41	260616	45.76	ug/l	99
15) Acrylonitrile	3.15	53	413898	235.22	ug/l	99
16) Acetone	2.45	43	409098	237.72	ug/l	100
17) Carbon Disulfide	2.57	76	313933	46.15	ug/l	99
18) Methyl Acetate	2.78	43	218755	47.71	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	503286	46.78	ug/l	98
20) Methylene Chloride	2.86	84	151460	42.92	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	138383	44.48	ug/l	96
22) Diisopropyl ether	3.87	45	473030	45.91	ug/l	97
23) Vinyl Acetate	3.82	43	2063890	239.34	ug/l	99
24) 1,1-Dichloroethane	3.70	63	267322	47.80	ug/l	100
25) 2-Butanone	4.71	43	559937	247.76	ug/l	98
26) 2,2-Dichloropropane	4.58	77	192438	47.89	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147724	46.66	ug/l	93
28) Bromochloromethane	5.02	49	139728	53.36	ug/l	96
29) Tetrahydrofuran	5.17	42	360741	243.55	ug/l	98
30) Chloroform	5.22	83	251947	46.72	ug/l	99
31) Cyclohexane	5.57	56	207413	45.05	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	211835	46.97	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177940	45.56	ug/l	99
37) Ethyl Acetate	4.87	43	220008	49.77	ug/l	100
38) Carbon Tetrachloride	5.78	117	184274	47.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215587	47.22	ug/l	99
40) Benzene	6.15	78	543905	46.44	ug/l	100
41) Methacrylonitrile	5.07	41	123917	49.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	212875	46.95	ug/l	100
43) Isopropyl Acetate	6.47	43	363340	49.61	ug/l	100
44) Trichloroethene	7.21	130	158641	46.93	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146980	47.69	ug/l	100
46) Dibromomethane	7.67	93	100166	48.58	ug/l	98
47) Bromodichloromethane	7.90	83	183286	50.40	ug/l	97
48) Methyl methacrylate	7.78	41	187881	50.20	ug/l	99
49) 1,4-Dioxane	7.76	88	62303	878.97	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1186735	252.34	ug/l	100
52) Toluene	8.79	92	356367	47.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	226331	47.16	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	214692	46.96	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148166	49.08	ug/l	99
56) Ethyl methacrylate	9.18	69	237093	51.04	ug/l	98
57) 1,3-Dichloropropane	9.37	76	245091	48.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	631627	281.11	ug/l	99
59) 2-Hexanone	9.50	43	916716	258.68	ug/l	98
60) Dibromochloromethane	9.59	129	153281	45.50	ug/l	98
61) 1,2-Dibromoethane	9.68	107	159788	51.11	ug/l	100
64) Tetrachloroethene	9.34	164	172507	43.11	ug/l	98
65) Chlorobenzene	10.14	112	414795	46.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	151751	50.28	ug/l	99
67) Ethyl Benzene	10.26	91	700581	46.92	ug/l	100
68) m/p-Xylenes	10.36	106	542882	94.25	ug/l	100
69) o-Xylene	10.70	106	267966	47.35	ug/l	100
70) Styrene	10.71	104	455082	48.90	ug/l	99
71) Bromoform	10.86	173	120255	44.37	ug/l	100
73) Isopropylbenzene	11.02	105	716185	46.07	ug/l	100
74) N-amyl acetate	6.47	43	363340	47.04	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223456	48.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	227598m	51.89	ug/l	
77) Bromobenzene	11.26	156	205648	47.49	ug/l	97
78) n-propylbenzene	11.37	91	834634	46.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	491966	46.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	621893	47.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63867	46.88	ug/l	96
82) 4-Chlorotoluene	11.51	91	597481	47.57	ug/l	100
83) tert-Butylbenzene	11.77	119	602346	47.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	643440	48.00	ug/l	98
85) sec-Butylbenzene	11.95	105	734542	46.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	679502	47.72	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	373083	46.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	385909	47.76	ug/l	99
89) n-Butylbenzene	12.39	91	603789	48.07	ug/l	99
90) Hexachloroethane	12.60	117	101285	45.86	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377114	47.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50651	52.68	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294717	50.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	142898	46.76	ug/l	99
95) Naphthalene	13.84	128	796276	51.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	292026	50.12	ug/l	99

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

