

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002864.D
 Acq On : 25 Jun 2018 17:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX062518

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:28 PM

Quant Time: Jun 27 05:34:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	254644	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207960	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	165006	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.72	98	619904	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	243846	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	129832	48.06	ug/l	98
3) Chloromethane	1.32	50	132532	47.20	ug/l	99
4) Vinyl Chloride	1.40	62	151752	44.36	ug/l	99
5) Bromomethane	1.64	94	76565	47.83	ug/l	98
6) Chloroethane	1.72	64	96738	48.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	267821	46.41	ug/l	99
8) Diethyl Ether	2.19	74	96635	46.07	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155061	46.38	ug/l	99
10) Methyl Iodide	2.51	142	158073	47.04	ug/l	99
11) Tert butyl alcohol	3.07	59	188765	226.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135679	45.48	ug/l	97
13) Acrolein	2.29	56	98294	213.50	ug/l	99
14) Allyl chloride	2.73	41	273476	46.50	ug/l	99
15) Acrylonitrile	3.15	53	404791	227.53	ug/l	100
16) Acetone	2.45	43	413583	238.86	ug/l	99
17) Carbon Disulfide	2.57	76	352275	44.32	ug/l	99
18) Methyl Acetate	2.78	43	236611	48.88	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	506237	47.20	ug/l	99
20) Methylene Chloride	2.86	84	153880	45.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	147905	45.52	ug/l	98
22) Diisopropyl ether	3.87	45	532292	47.35	ug/l	97
23) Vinyl Acetate	3.82	43	2231500	234.44	ug/l	100
24) 1,1-Dichloroethane	3.70	63	283248	46.36	ug/l	99
25) 2-Butanone	4.71	43	604915	235.40	ug/l	98
26) 2,2-Dichloropropane	4.59	77	242087	48.73	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	169755	46.60	ug/l	94
28) Bromochloromethane	5.02	49	144875	49.54	ug/l	95
29) Tetrahydrofuran	5.17	42	376334	228.37	ug/l	98
30) Chloroform	5.21	83	293365	46.79	ug/l	98
31) Cyclohexane	5.57	56	248832	47.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	264383	47.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	216300	48.21	ug/l	99
37) Ethyl Acetate	4.86	43	230200	47.65	ug/l	100
38) Carbon Tetrachloride	5.78	117	237498	48.24	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	260203	49.79	ug/l	97
40) Benzene	6.15	78	624652	47.92	ug/l	99
41) Methacrylonitrile	5.06	41	131912	47.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244755	46.48	ug/l	100
43) Isopropyl Acetate	6.46	43	386484	47.70	ug/l	99
44) Trichloroethene	7.21	130	189025	48.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	165935	47.99	ug/l	98
46) Dibromomethane	7.67	93	113383	47.25	ug/l	97
47) Bromodichloromethane	7.90	83	219483	49.47	ug/l	99
48) Methyl methacrylate	7.78	41	202692	48.56	ug/l	98
49) 1,4-Dioxane	7.76	88	76689	944.26	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1237309	244.10	ug/l	99
52) Toluene	8.79	92	411488	49.27	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	257204	51.19	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	244443	50.56	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	167465	48.80	ug/l	98
56) Ethyl methacrylate	9.18	69	250785	50.00	ug/l	97
57) 1,3-Dichloropropane	9.37	76	271523	48.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580562	239.95	ug/l	98
59) 2-Hexanone	9.50	43	967230	251.08	ug/l	98
60) Dibromochloromethane	9.59	129	182494	50.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	176603	49.06	ug/l	100
64) Tetrachloroethene	9.34	164	215107	49.57	ug/l	97
65) Chlorobenzene	10.14	112	481074	48.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177831	49.39	ug/l	100
67) Ethyl Benzene	10.26	91	823882	50.32	ug/l	100
68) m/p-Xylenes	10.36	106	639838	101.40	ug/l	100
69) o-Xylene	10.70	106	311544	50.70	ug/l	99
70) Styrene	10.71	104	517439	51.83	ug/l	100
71) Bromoform	10.86	173	143802	44.66	ug/l	100
73) Isopropylbenzene	11.02	105	859453	50.17	ug/l	100
74) N-amyl acetate	6.46	43	386484	46.11	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	246678	46.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	219518m	47.59	ug/l	
77) Bromobenzene	11.26	156	236445	48.47	ug/l	97
78) n-propylbenzene	11.37	91	992813	50.92	ug/l	99
79) 2-Chlorotoluene	11.43	91	581709	49.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	730450	50.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74515	47.08	ug/l	99
82) 4-Chlorotoluene	11.51	91	691506	49.48	ug/l	100
83) tert-Butylbenzene	11.77	119	717423	50.45	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	754272	50.46	ug/l	99
85) sec-Butylbenzene	11.95	105	879325	50.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	814796	52.54	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	441854	49.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	445505	48.59	ug/l	99
89) n-Butylbenzene	12.39	91	718896	53.26	ug/l	99
90) Hexachloroethane	12.60	117	121287	52.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	436465	48.53	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57222	48.24	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	340791	52.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	172648	52.89	ug/l	99
95) Naphthalene	13.84	128	885819	50.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	336167	51.42	ug/l	100

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

