

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002742.D
 Acq On : 20 Jun 2018 05:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 6:27:00 PM

Quant Time: Jun 20 07:41:43 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	229211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156771	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	
35) Dibromofluoromethane	5.51	113	125362	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	8.72	98	462194	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	177278	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	118876	48.85	ug/l	98
3) Chloromethane	1.32	50	124747	43.10	ug/l	100
4) Vinyl Chloride	1.41	62	136763	45.53	ug/l	96
5) Bromomethane	1.64	94	63146	34.84	ug/l	99
6) Chloroethane	1.71	64	90936	45.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	235496	48.26	ug/l	99
8) Diethyl Ether	2.19	74	83644	45.06	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128231	47.01	ug/l	100
10) Methyl Iodide	2.51	142	123319	35.21	ug/l	98
11) Tert butyl alcohol	3.09	59	163901	227.62	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118395	46.23	ug/l	99
13) Acrolein	2.30	56	95118	280.90	ug/l	98
14) Allyl chloride	2.73	41	223200	43.89	ug/l	99
15) Acrylonitrile	3.15	53	355635	226.33	ug/l	99
16) Acetone	2.45	43	339211	220.74	ug/l	99
17) Carbon Disulfide	2.57	76	307637	50.65	ug/l	99
18) Methyl Acetate	2.78	43	191186	46.70	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	431359	44.90	ug/l	99
20) Methylene Chloride	2.86	84	132294	41.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125934	45.33	ug/l	100
22) Diisopropyl ether	3.88	45	426504	46.36	ug/l	97
23) Vinyl Acetate	3.83	43	1812359	235.36	ug/l	100
24) 1,1-Dichloroethane	3.70	63	230654	46.19	ug/l	100
25) 2-Butanone	4.71	43	485705	240.67	ug/l	97
26) 2,2-Dichloropropane	4.59	77	106021	29.55	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	138055	48.83	ug/l	89
28) Bromochloromethane	5.03	49	106131	45.38	ug/l	95
29) Tetrahydrofuran	5.17	42	318542	240.84	ug/l	97
30) Chloroform	5.22	83	240935	50.04	ug/l	98
31) Cyclohexane	5.58	56	198668	48.32	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	211344	52.48	ug/l	100
36) 1,1-Dichloropropene	5.80	75	172131	49.43	ug/l	99
37) Ethyl Acetate	4.87	43	193068	48.98	ug/l	99
38) Carbon Tetrachloride	5.79	117	189569	54.67	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195608	48.05	ug/l	97
40) Benzene	6.15	78	516292	49.44	ug/l	99
41) Methacrylonitrile	5.07	41	108637	48.82	ug/l	98
42) 1,2-Dichloroethane	6.20	62	201195	49.77	ug/l	100
43) Isopropyl Acetate	6.47	43	316368	48.45	ug/l	99
44) Trichloroethene	7.22	130	149033	49.45	ug/l	97
45) 1,2-Dichloropropane	7.52	63	133346	48.52	ug/l	97
46) Dibromomethane	7.66	93	94363	51.33	ug/l	99
47) Bromodichloromethane	7.90	83	174669	53.87	ug/l	98
48) Methyl methacrylate	7.78	41	164912	49.42	ug/l	99
49) 1,4-Dioxane	7.76	88	65369	1034.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1044805	249.18	ug/l	99
52) Toluene	8.79	92	334201	50.17	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	189597	44.45	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	176665	43.59	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136821	50.84	ug/l	99
56) Ethyl methacrylate	9.18	69	207312	50.05	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223901	49.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	450355	224.80	ug/l	98
59) 2-Hexanone	9.50	43	792580	250.85	ug/l	98
60) Dibromochloromethane	9.59	129	145072	48.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	145061	52.04	ug/l	100
64) Tetrachloroethene	9.34	164	170677	48.26	ug/l	99
65) Chlorobenzene	10.14	112	386620	49.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	142566	53.44	ug/l	99
67) Ethyl Benzene	10.26	91	660484	50.04	ug/l	98
68) m/p-Xylenes	10.36	106	508658	99.91	ug/l	100
69) o-Xylene	10.70	106	248380	49.65	ug/l	100
70) Styrene	10.71	104	421015	51.18	ug/l	99
71) Bromoform	10.86	173	112639	46.73	ug/l	99
73) Isopropylbenzene	11.02	105	671346	49.51	ug/l	100
74) N-amyl acetate	6.47	43	316368	46.95	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	206042	51.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199556m	52.16	ug/l	
77) Bromobenzene	11.26	156	187838	49.72	ug/l	97
78) n-propylbenzene	11.37	91	761212	48.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	456178	49.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	570667	49.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44659	38.41	ug/l	95
82) 4-Chlorotoluene	11.51	91	540702	49.35	ug/l	99
83) tert-Butylbenzene	11.77	119	556208	50.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	586268	50.13	ug/l	100
85) sec-Butylbenzene	11.95	105	675223	49.19	ug/l	100
86) p-Isopropyltoluene	12.07	119	607629	48.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	341823	49.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	343461	48.72	ug/l	99
89) n-Butylbenzene	12.39	91	514310	46.94	ug/l	100
90) Hexachloroethane	12.60	117	87582	45.48	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	345713	49.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45858	54.67	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246232	48.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	122469	45.94	ug/l	100
95) Naphthalene	13.84	128	712946	52.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254937	50.15	ug/l	100

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

