

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002928.D
 Acq On : 27 Jun 2018 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:51 PM

Quant Time: Jun 28 03:25:45 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	276161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184538	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.50	113	150419	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.72	98	549154	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	216002	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	117999	47.84	ug/l	99
3) Chloromethane	1.32	50	126583	49.43	ug/l	100
4) Vinyl Chloride	1.40	62	141239	45.22	ug/l	100
5) Bromomethane	1.64	94	90921	63.08	ug/l	99
6) Chloroethane	1.72	64	93209	50.91	ug/l	99
7) Trichlorofluoromethane	1.93	101	253424	48.11	ug/l	98
8) Diethyl Ether	2.19	74	90073	47.03	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	146998	48.16	ug/l	99
10) Methyl Iodide	2.51	142	148489	48.22	ug/l	99
11) Tert butyl alcohol	3.07	59	164124	215.84	ug/l	99
12) 1,1-Dichloroethene	2.37	96	126832	46.57	ug/l	98
13) Acrolein	2.29	56	94535	224.69	ug/l	99
14) Allyl chloride	2.73	41	255003	47.50	ug/l	99
15) Acrylonitrile	3.15	53	374696	230.70	ug/l	100
16) Acetone	2.45	43	419371	265.30	ug/l	98
17) Carbon Disulfide	2.57	76	321437	44.30	ug/l	99
18) Methyl Acetate	2.78	43	222735	50.40	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	466773	47.67	ug/l	99
20) Methylene Chloride	2.86	84	142805	46.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135958	45.83	ug/l	96
22) Diisopropyl ether	3.87	45	499174	48.64	ug/l	98
23) Vinyl Acetate	3.82	43	2087169	240.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	267487	47.96	ug/l	100
25) 2-Butanone	4.71	43	564806	240.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	224286	49.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158323	47.60	ug/l	95
28) Bromochloromethane	5.02	49	135318	50.68	ug/l	94
29) Tetrahydrofuran	5.16	42	342825	227.88	ug/l	98
30) Chloroform	5.21	83	280124	48.94	ug/l	97
31) Cyclohexane	5.57	56	229801	48.01	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	247788	49.20	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202697	50.25	ug/l	99
37) Ethyl Acetate	4.86	43	210183	48.39	ug/l	99
38) Carbon Tetrachloride	5.78	117	225359	50.91	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241741	51.45	ug/l	99
40) Benzene	6.15	78	588469	50.21	ug/l	99
41) Methacrylonitrile	5.06	41	122965	49.16	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232660	49.14	ug/l	100
43) Isopropyl Acetate	6.46	43	352257	48.36	ug/l	99
44) Trichloroethene	7.21	130	175372	50.18	ug/l	97
45) 1,2-Dichloropropane	7.52	63	158015	50.82	ug/l	100
46) Dibromomethane	7.67	93	107337	49.75	ug/l	98
47) Bromodichloromethane	7.90	83	208995	52.39	ug/l	99
48) Methyl methacrylate	7.78	41	189403	50.46	ug/l	98
49) 1,4-Dioxane	7.76	88	66493	910.55	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1141307	250.42	ug/l	99
52) Toluene	8.79	92	386734	51.50	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	241406	53.44	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	228694	52.61	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157406	51.01	ug/l	98
56) Ethyl methacrylate	9.18	69	232403	51.54	ug/l	97
57) 1,3-Dichloropropane	9.37	76	257471	50.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	573282	263.52	ug/l	99
59) 2-Hexanone	9.50	43	888519	256.52	ug/l	98
60) Dibromochloromethane	9.59	129	174132	53.61	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165862	51.25	ug/l	99
64) Tetrachloroethene	9.34	164	199062	49.92	ug/l	98
65) Chlorobenzene	10.14	112	451297	49.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168947	51.06	ug/l	99
67) Ethyl Benzene	10.26	91	776048	51.58	ug/l	99
68) m/p-Xylenes	10.36	106	603495	104.07	ug/l	99
69) o-Xylene	10.70	106	290153	51.39	ug/l	99
70) Styrene	10.71	104	484292	52.79	ug/l	99
71) Bromoform	10.86	173	135612	45.72	ug/l	100
73) Isopropylbenzene	11.02	105	803602	50.92	ug/l	100
74) N-amyl acetate	6.46	43	352257	45.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232534	47.83	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206541m	48.60	ug/l	
77) Bromobenzene	11.26	156	219576	48.85	ug/l	98
78) n-propylbenzene	11.37	91	934554	52.02	ug/l	99
79) 2-Chlorotoluene	11.42	91	547572	50.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	695142	52.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67087	46.09	ug/l	98
82) 4-Chlorotoluene	11.51	91	652986	50.71	ug/l	99
83) tert-Butylbenzene	11.77	119	672694	51.35	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	712842	51.76	ug/l	99
85) sec-Butylbenzene	11.95	105	828264	52.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	764203	53.48	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	410141	49.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	418526	49.54	ug/l	99
89) n-Butylbenzene	12.39	91	669559	53.84	ug/l	99
90) Hexachloroethane	12.60	117	112654	53.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	413437	49.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52254	47.81	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	316708	52.52	ug/l	99
94) Hexachlorobutadiene	13.79	225	159412	53.01	ug/l	99
95) Naphthalene	13.84	128	830239	51.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	311898	51.79	ug/l	100

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

