

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002804.D
 Acq On : 21 Jun 2018 22:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:44 PM

Quant Time: Jun 22 02:28:53 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	238980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161371	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	5.51	113	130454	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.72	98	466694	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.14	95	184232	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	113964	44.92	ug/l	99
3) Chloromethane	1.32	50	126055	41.77	ug/l	99
4) Vinyl Chloride	1.40	62	138816	44.33	ug/l	100
5) Bromomethane	1.64	94	60957	32.26	ug/l	97
6) Chloroethane	1.71	64	91111	44.14	ug/l	99
7) Trichlorofluoromethane	1.92	101	247021	48.55	ug/l	99
8) Diethyl Ether	2.19	74	87430	45.18	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136952	48.15	ug/l	99
10) Methyl Iodide	2.51	142	141793	38.30	ug/l	100
11) Tert butyl alcohol	3.09	59	175002	233.10	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123494	46.25	ug/l	97
13) Acrolein	2.30	56	79869	227.56	ug/l	99
14) Allyl chloride	2.73	41	241596	45.57	ug/l	100
15) Acrylonitrile	3.15	53	394088	240.55	ug/l	100
16) Acetone	2.45	43	369973	230.91	ug/l	99
17) Carbon Disulfide	2.57	76	328904	51.93	ug/l	100
18) Methyl Acetate	2.78	43	229338	53.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	455581	45.48	ug/l	100
20) Methylene Chloride	2.85	84	140890	42.89	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	133628	46.13	ug/l	99
22) Diisopropyl ether	3.88	45	464206	48.39	ug/l	99
23) Vinyl Acetate	3.83	43	1943515	242.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	259441	49.83	ug/l	98
25) 2-Butanone	4.71	43	554767	263.65	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148906	39.80	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	146935	49.85	ug/l	96
28) Bromochloromethane	5.02	49	113842	46.69	ug/l	94
29) Tetrahydrofuran	5.17	42	359486	260.68	ug/l	98
30) Chloroform	5.22	83	261589	52.10	ug/l	97
31) Cyclohexane	5.58	56	219900	51.30	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	230135	54.81	ug/l	100
36) 1,1-Dichloropropene	5.80	75	189771	54.17	ug/l	99
37) Ethyl Acetate	4.87	43	213485	53.84	ug/l	100
38) Carbon Tetrachloride	5.79	117	209705	60.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223223	54.51	ug/l	98
40) Benzene	6.15	78	561683	53.47	ug/l	100
41) Methacrylonitrile	5.07	41	123034	54.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222019	54.59	ug/l	100
43) Isopropyl Acetate	6.47	43	347605	52.91	ug/l	99
44) Trichloroethene	7.21	130	162989	53.76	ug/l	97
45) 1,2-Dichloropropane	7.52	63	148306	53.65	ug/l	99
46) Dibromomethane	7.66	93	103151	55.78	ug/l	98
47) Bromodichloromethane	7.90	83	195908	60.06	ug/l	100
48) Methyl methacrylate	7.78	41	187274	55.78	ug/l	98
49) 1,4-Dioxane	7.76	88	70341	1106.43	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1168302	276.98	ug/l	99
52) Toluene	8.79	92	365756	54.59	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	216754	50.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	202093	49.13	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	149395	55.18	ug/l	99
56) Ethyl methacrylate	9.18	69	222176	53.32	ug/l	98
57) 1,3-Dichloropropane	9.38	76	246537	53.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	518392	257.23	ug/l	99
59) 2-Hexanone	9.50	43	902114	283.82	ug/l	99
60) Dibromochloromethane	9.59	129	161283	52.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	160614	57.28	ug/l	99
64) Tetrachloroethene	9.34	164	194602	54.42	ug/l	99
65) Chlorobenzene	10.14	112	423901	53.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	159893	59.28	ug/l	98
67) Ethyl Benzene	10.26	91	723226	54.20	ug/l	99
68) m/p-Xylenes	10.37	106	561707	109.12	ug/l	100
69) o-Xylene	10.70	106	274643	54.31	ug/l	99
70) Styrene	10.71	104	451775	54.32	ug/l	99
71) Bromoform	10.86	173	128022	51.93	ug/l	100
73) Isopropylbenzene	11.02	105	744907	53.35	ug/l	100
74) N-amyl acetate	6.47	43	347605	50.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	225183	54.61	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226063m	57.38	ug/l	
77) Bromobenzene	11.26	156	206597	53.11	ug/l	97
78) n-propylbenzene	11.37	91	849271	53.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	503789	52.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	636650	53.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57018	46.62	ug/l	97
82) 4-Chlorotoluene	11.51	91	598554	53.06	ug/l	99
83) tert-Butylbenzene	11.77	119	615115	54.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	653151	54.24	ug/l	100
85) sec-Butylbenzene	11.95	105	753229	53.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	685265	53.58	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	374459	52.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	383441	52.83	ug/l	99
89) n-Butylbenzene	12.39	91	584608	51.82	ug/l	100
90) Hexachloroethane	12.60	117	103275	51.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	382594	53.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52309	60.56	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	276576	53.08	ug/l	100
94) Hexachlorobutadiene	13.79	225	141635	51.60	ug/l	99
95) Naphthalene	13.84	128	783053	55.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	282583	53.99	ug/l	100

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

