

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003591.D
 Acq On : 23 Jul 2018 09:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:17 PM

Quant Time: Jul 24 06:42:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168095	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.50	113	157255	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.72	98	592080	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.14	95	217938	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123968	53.389	ug/l	96
3) Chloromethane	1.32	50	154602	53.756	ug/l	99
4) Vinyl Chloride	1.40	62	164865	44.333	ug/l	100
5) Bromomethane	1.64	94	103778	71.201	ug/l	99
6) Chloroethane	1.72	64	109236	49.640	ug/l	99
7) Trichlorofluoromethane	1.93	101	243036	48.985	ug/l	100
8) Diethyl Ether	2.19	74	104689	49.130	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	167348	51.535	ug/l	97
10) Methyl Iodide	2.51	142	217669	55.799	ug/l	94
11) Tert butyl alcohol	3.07	59	169692	247.471	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151684	50.731	ug/l	94
13) Acrolein	2.29	56	54693	176.532	ug/l	98
14) Allyl chloride	2.73	41	274499	51.861	ug/l	86
15) Acrylonitrile	3.15	53	440968	252.593	ug/l	97
16) Acetone	2.45	43	355712	271.760	ug/l #	88
17) Carbon Disulfide	2.57	76	406910	50.322	ug/l	98
18) Methyl Acetate	2.78	43	220809	53.511	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	509811	52.216	ug/l	99
20) Methylene Chloride	2.86	84	171128	53.531	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	161736	48.617	ug/l	94
22) Diisopropyl ether	3.87	45	533500	53.566	ug/l #	95
23) Vinyl Acetate	3.82	43	2180183	265.749	ug/l	97
24) 1,1-Dichloroethane	3.70	63	300020	51.342	ug/l	100
25) 2-Butanone	4.70	43	569518	259.328	ug/l	91
26) 2,2-Dichloropropane	4.59	77	242884	54.726	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	187061	50.500	ug/l	99
28) Bromochloromethane	5.02	49	130465	51.079	ug/l	86
29) Tetrahydrofuran	5.17	42	364464	251.226	ug/l	93
30) Chloroform	5.21	83	300270	52.622	ug/l	96
31) Cyclohexane	5.57	56	251789	48.225	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	258657	52.935	ug/l	96
36) 1,1-Dichloropropene	5.80	75	218859	50.507	ug/l	97
37) Ethyl Acetate	4.86	43	225752	55.056	ug/l	96
38) Carbon Tetrachloride	5.78	117	233608	54.962	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	265615	51.754	ug/l	92
40) Benzene	6.14	78	673487	51.478	ug/l	100
41) Methacrylonitrile	5.06	41	123990	51.450	ug/l	91
42) 1,2-Dichloroethane	6.20	62	214720	52.090	ug/l	94
43) Isopropyl Acetate	6.46	43	334929	51.348	ug/l #	93
44) Trichloroethene	7.21	130	204753	52.478	ug/l	100
45) 1,2-Dichloropropane	7.52	63	174576	52.551	ug/l	98
46) Dibromomethane	7.66	93	115230	53.878	ug/l	95
47) Bromodichloromethane	7.90	83	217086	55.445	ug/l	98
48) Methyl methacrylate	7.78	41	173260	52.673	ug/l #	83
49) 1,4-Dioxane	7.76	88	75298	1010.304	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	1098536	266.588	ug/l	91
52) Toluene	8.79	92	431394	52.384	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	267268	55.460	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	241215	55.659	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	173954	53.084	ug/l	98
56) Ethyl methacrylate	9.18	69	252184	54.637	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	279504	52.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	553953	246.820	ug/l	96
59) 2-Hexanone	9.50	43	813960	266.599	ug/l	88
60) Dibromochloromethane	9.59	129	184791	56.971	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179562	52.858	ug/l	99
64) Tetrachloroethene	9.34	164	246279	53.831	ug/l	98
65) Chlorobenzene	10.14	112	499466	51.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	181338	54.476	ug/l	99
67) Ethyl Benzene	10.26	91	833078	53.554	ug/l	99
68) m/p-Xylenes	10.36	106	658805	108.027	ug/l	96
69) o-Xylene	10.70	106	317296	53.804	ug/l	94
70) Styrene	10.71	104	538864	55.551	ug/l	96
71) Bromoform	10.86	173	146805	56.762	ug/l	99
73) Isopropylbenzene	11.02	105	854059	52.450	ug/l	100
74) N-amyl acetate	6.46	43	334929	48.441	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	240481	50.397	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	219688m	51.939	ug/l	
77) Bromobenzene	11.26	156	235796	50.348	ug/l	96
78) n-propylbenzene	11.36	91	969921	53.586	ug/l	98
79) 2-Chlorotoluene	11.42	91	567678	51.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	712712	53.258	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	74990	50.337	ug/l	87
82) 4-Chlorotoluene	11.51	91	671482	52.152	ug/l	97
83) tert-Butylbenzene	11.77	119	687144	52.432	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	737357	54.150	ug/l	97
85) sec-Butylbenzene	11.95	105	848746	53.320	ug/l	99
86) p-Isopropyltoluene	12.07	119	780404	54.629	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	438606	50.948	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	443006	49.954	ug/l	98
89) n-Butylbenzene	12.39	91	660848	54.478	ug/l	98
90) Hexachloroethane	12.60	117	107879	53.122	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	439550	51.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48314	52.028	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	322176	51.810	ug/l	99
94) Hexachlorobutadiene	13.79	225	157476	52.657	ug/l	99
95) Naphthalene	13.83	128	870192	53.255	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	323252	52.511	ug/l	100

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

