

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002854.D
 Acq On : 23 Jun 2018 01:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:10 PM

Quant Time: Jun 23 03:07:50 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	247576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156026	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	
35) Dibromofluoromethane	5.51	113	126411	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.72	98	446886	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	
62) 4-Bromofluorobenzene	11.14	95	177818	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122937	46.77	ug/l	99
3) Chloromethane	1.32	50	120440	38.52	ug/l	99
4) Vinyl Chloride	1.40	62	136767	42.16	ug/l	93
5) Bromomethane	1.64	94	90456	46.21	ug/l	98
6) Chloroethane	1.72	64	93598	43.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	234653	44.52	ug/l	98
8) Diethyl Ether	2.19	74	84572	42.18	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131445	44.61	ug/l	99
10) Methyl Iodide	2.51	142	141819	37.15	ug/l	100
11) Tert butyl alcohol	3.08	59	175931	226.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120215	43.46	ug/l	93
13) Acrolein	2.29	56	66318	183.76	ug/l	100
14) Allyl chloride	2.73	41	232066	42.25	ug/l	99
15) Acrylonitrile	3.15	53	369493	217.71	ug/l	99
16) Acetone	2.45	43	347038	209.08	ug/l	100
17) Carbon Disulfide	2.57	76	306166	46.66	ug/l	100
18) Methyl Acetate	2.78	43	212264	48.00	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	439999	42.40	ug/l	99
20) Methylene Chloride	2.86	84	135214	39.73	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	126987	42.31	ug/l	98
22) Diisopropyl ether	3.88	45	456579	45.95	ug/l	99
23) Vinyl Acetate	3.83	43	1901669	228.64	ug/l	99
24) 1,1-Dichloroethane	3.70	63	240252	44.54	ug/l	99
25) 2-Butanone	4.71	43	527090	241.80	ug/l	99
26) 2,2-Dichloropropane	4.59	77	147376	38.03	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	144192	47.22	ug/l	98
28) Bromochloromethane	5.02	49	108717	43.04	ug/l	94
29) Tetrahydrofuran	5.17	42	340737	238.51	ug/l	98
30) Chloroform	5.22	83	253948	48.83	ug/l	97
31) Cyclohexane	5.58	56	206821	46.57	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	224966	51.72	ug/l	99
36) 1,1-Dichloropropene	5.80	75	180979	49.78	ug/l	100
37) Ethyl Acetate	4.87	43	204251	49.64	ug/l	99
38) Carbon Tetrachloride	5.79	117	201391	55.63	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	211299	49.72	ug/l	97
40) Benzene	6.15	78	533890	48.98	ug/l	99
41) Methacrylonitrile	5.07	41	118528	51.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	212671	50.39	ug/l	100
43) Isopropyl Acetate	6.47	43	336702	49.39	ug/l	99
44) Trichloroethene	7.21	130	158488	50.37	ug/l	100
45) 1,2-Dichloropropane	7.52	63	140060	48.82	ug/l	99
46) Dibromomethane	7.67	93	98020	51.08	ug/l	98
47) Bromodichloromethane	7.90	83	186705	55.16	ug/l	99
48) Methyl methacrylate	7.78	41	176813	50.75	ug/l	98
49) 1,4-Dioxane	7.76	88	70675	1071.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1107307	252.98	ug/l	98
52) Toluene	8.79	92	348471	50.12	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	208009	46.60	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	195538	46.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	144361	51.38	ug/l	98
56) Ethyl methacrylate	9.18	69	221307	51.18	ug/l	97
57) 1,3-Dichloropropane	9.38	76	238014	50.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	405038	193.68	ug/l	99
59) 2-Hexanone	9.50	43	850128	257.74	ug/l	98
60) Dibromochloromethane	9.59	129	154256	48.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151680	52.13	ug/l	99
64) Tetrachloroethene	9.34	164	179405	49.51	ug/l	97
65) Chlorobenzene	10.14	112	410558	51.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150752	55.16	ug/l	99
67) Ethyl Benzene	10.26	91	692927	51.24	ug/l	99
68) m/p-Xylenes	10.36	106	535232	102.61	ug/l	100
69) o-Xylene	10.70	106	262347	51.19	ug/l	98
70) Styrene	10.71	104	440492	52.26	ug/l	100
71) Bromoform	10.86	173	121256	48.85	ug/l	99
73) Isopropylbenzene	11.02	105	719939	51.51	ug/l	100
74) N-amyl acetate	6.47	43	336702	48.49	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	219952	53.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	214311m	54.35	ug/l	
77) Bromobenzene	11.26	156	197561	50.74	ug/l	98
78) n-propylbenzene	11.37	91	817815	51.02	ug/l	99
79) 2-Chlorotoluene	11.43	91	484510	50.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	611083	51.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50973	42.09	ug/l	96
82) 4-Chlorotoluene	11.51	91	573994	50.83	ug/l	99
83) tert-Butylbenzene	11.77	119	599218	52.66	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	626411	51.98	ug/l	99
85) sec-Butylbenzene	11.95	105	726235	51.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	653054	51.01	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	363552	50.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	366585	50.46	ug/l	99
89) n-Butylbenzene	12.39	91	558387	49.45	ug/l	100
90) Hexachloroethane	12.60	117	93243	46.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	366755	51.03	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50398	58.30	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	270899	51.94	ug/l	99
94) Hexachlorobutadiene	13.79	225	133620	48.63	ug/l	99
95) Naphthalene	13.84	128	767384	54.67	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	276021	52.69	ug/l	99

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

