

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002853.D
 Acq On : 23 Jun 2018 01:17
 Operator : JC/MD
 Sample : J3631-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:09 PM

Quant Time: Jun 23 01:56:31 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	237179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153611	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	
35) Dibromofluoromethane	5.51	113	124984	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	8.72	98	431445	42.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.68%	
62) 4-Bromofluorobenzene	11.14	95	176493	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	115632	45.92	ug/l	100
3) Chloromethane	1.32	50	123145	41.11	ug/l	98
4) Vinyl Chloride	1.40	62	137428	44.22	ug/l	92
5) Bromomethane	1.64	94	90416	48.21	ug/l	99
6) Chloroethane	1.72	64	90948	44.40	ug/l	100
7) Trichlorofluoromethane	1.93	101	241223	47.77	ug/l	98
8) Diethyl Ether	2.19	74	87960	45.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	132381	46.90	ug/l	99
10) Methyl Iodide	2.51	142	145152	39.34	ug/l	99
11) Tert butyl alcohol	3.08	59	156720	210.34	ug/l	99
12) 1,1-Dichloroethene	2.37	96	122329	46.16	ug/l	96
13) Acrolein	2.30	56	58594	170.00	ug/l	100
14) Allyl chloride	2.73	41	237417	45.12	ug/l	99
15) Acrylonitrile	3.15	53	377184	231.98	ug/l	99
16) Acetone	2.45	43	355117	223.32	ug/l	100
17) Carbon Disulfide	2.57	76	325059	51.72	ug/l	98
18) Methyl Acetate	2.78	43	199280	47.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	456014	45.87	ug/l	99
20) Methylene Chloride	2.86	84	139910	42.91	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	132557	46.11	ug/l	99
22) Diisopropyl ether	3.87	45	469473	49.31	ug/l	95
23) Vinyl Acetate	3.83	43	1823808	228.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	248759	48.14	ug/l	98
25) 2-Butanone	4.71	43	527249	252.48	ug/l	97
26) 2,2-Dichloropropane	4.59	77	153927	41.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151172	51.68	ug/l	95
28) Bromochloromethane	5.03	49	114567	47.35	ug/l	95
29) Tetrahydrofuran	5.17	42	342294	250.10	ug/l	96
30) Chloroform	5.22	83	261030	52.39	ug/l	95
31) Cyclohexane	5.58	56	239132	56.21	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	230725	55.37	ug/l	99
36) 1,1-Dichloropropene	5.80	75	188301	53.34	ug/l	99
37) Ethyl Acetate	4.87	43	193569	48.45	ug/l	100
38) Carbon Tetrachloride	5.79	117	206881	58.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227729	55.18	ug/l	99
40) Benzene	6.15	78	558724	52.79	ug/l	100
41) Methacrylonitrile	5.07	41	120344	53.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	221371	54.02	ug/l	100
43) Isopropyl Acetate	6.47	43	332213	50.19	ug/l	99
44) Trichloroethene	7.21	130	163229	53.43	ug/l	99
45) 1,2-Dichloropropane	7.52	63	145367	52.18	ug/l	100
46) Dibromomethane	7.67	93	103101	55.33	ug/l	98
47) Bromodichloromethane	7.90	83	193169	58.77	ug/l	98
48) Methyl methacrylate	7.78	41	186096	55.01	ug/l	98
49) 1,4-Dioxane	7.76	88	60229	940.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1121633	263.89	ug/l	99
52) Toluene	8.79	92	366744	54.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	213236	49.06	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	200802	48.49	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148581	54.46	ug/l	100
56) Ethyl methacrylate	9.18	69	227017	54.07	ug/l	96
57) 1,3-Dichloropropane	9.38	76	244895	53.07	ug/l	100
59) 2-Hexanone	9.50	43	852454	266.16	ug/l	98
60) Dibromochloromethane	9.59	129	159348	51.78	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157357	55.69	ug/l	99
64) Tetrachloroethene	9.34	164	163779	46.68	ug/l	98
65) Chlorobenzene	10.14	112	430094	55.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	156982	59.32	ug/l	99
67) Ethyl Benzene	10.26	91	893292	68.23	ug/l	99
68) m/p-Xylenes	10.36	106	575968	114.05	ug/l	99
69) o-Xylene	10.70	106	276122	55.65	ug/l	99
70) Stvrene	10.71	104	443082	54.30	ug/l	99
71) Bromoform	10.86	173	123985	51.32	ug/l	100
73) Isopropylbenzene	11.02	105	754567	56.39	ug/l	100
74) N-amyl acetate	6.47	43	332213	49.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230644	58.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217386m	57.58	ug/l	
77) Bromobenzene	11.26	156	206180	55.31	ug/l	97
78) n-propylbenzene	11.37	91	855629	55.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	500231	54.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	622114	55.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49174	42.37	ug/l	96
82) 4-Chlorotoluene	11.51	91	590949	54.66	ug/l	100
83) tert-Butylbenzene	11.77	119	636730	58.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	855868	74.17	ug/l	99
85) sec-Butylbenzene	11.95	105	739751	54.61	ug/l	99
86) p-Isopropyltoluene	12.07	119	680950	55.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	371539	54.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	379276	54.52	ug/l	99
89) n-Butylbenzene	12.39	91	586554	54.25	ug/l	99
90) Hexachloroethane	12.60	117	104840	54.62	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	377939	54.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53461	64.59	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	283055	56.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	131652	50.04	ug/l	99
95) Naphthalene	13.84	128	864648	64.34	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	284806	56.78	ug/l	98

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

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