

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005983.D
 Acq On : 14 Nov 2018 19:15
 Operator : JC/MD
 Sample : J5934-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MSD

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:05:27 PM

Quant Time: Nov 15 01:33:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	111022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	164800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	68151	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	5.50	113	55651	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.71	98	201141	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.14	95	75761	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48204	48.16	ug/l	97
3) Chloromethane	1.32	50	69449	52.87	ug/l	93
4) Vinyl Chloride	1.41	62	75640	57.36	ug/l	100
5) Bromomethane	1.64	94	36983	45.82	ug/l	98
6) Chloroethane	1.71	64	42332	53.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	89258	50.99	ug/l	95
8) Diethyl Ether	2.19	74	38897	56.71	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50386	50.05	ug/l	99
10) Methyl Iodide	2.51	142	64837	53.14	ug/l	99
11) Tert butyl alcohol	3.07	59	98129	268.39	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51824	52.81	ug/l	97
13) Acrolein	2.29	56	60488	339.53	ug/l	96
14) Allyl chloride	2.72	41	112298	51.24	ug/l	98
15) Acrylonitrile	3.15	53	207293	273.57	ug/l	99
16) Acetone	2.45	43	190096	276.62	ug/l	98
17) Carbon Disulfide	2.57	76	148307	50.67	ug/l	100
18) Methyl Acetate	2.78	43	99903	54.38	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	202260	60.39	ug/l	92
20) Methylene Chloride	2.85	84	60030	53.18	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	58959	56.96	ug/l	85
22) Diisopropyl ether	3.87	45	206002	53.66	ug/l	# 85
23) Vinyl Acetate	3.82	43	781548	237.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	116042	56.65	ug/l	99
25) 2-Butanone	4.70	43	295847	273.83	ug/l	98
26) 2,2-Dichloropropane	4.58	77	47846	31.84	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	79443	69.51	ug/l	98
28) Bromochloromethane	5.01	49	56089	61.27	ug/l	98
29) Tetrahydrofuran	5.15	42	191175	275.59	ug/l	99
30) Chloroform	5.21	83	109325	55.32	ug/l	86
31) Cyclohexane	5.58	56	89037	50.08	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	87866	53.31	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74563	46.93	ug/l	98
37) Ethyl Acetate	4.85	43	92562	44.31	ug/l	99
38) Carbon Tetrachloride	5.78	117	75817	47.67	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77602	48.19	ug/l	99
40) Benzene	6.15	78	232556	50.21	ug/l	100
41) Methacrylonitrile	5.06	41	58778	52.07	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82778	49.90	ug/l	99
43) Isopropyl Acetate	6.45	43	144111	47.60	ug/l	96
44) Trichloroethene	7.21	130	58049	49.35	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60375	53.71	ug/l	99
46) Dibromomethane	7.66	93	37940	53.78	ug/l	99
47) Bromodichloromethane	7.90	83	74618	55.97	ug/l	99
48) Methyl methacrylate	7.77	41	78233	57.55	ug/l	99
49) 1,4-Dioxane	7.75	88	31443	1073.47	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	522187	273.70	ug/l	99
52) Toluene	8.79	92	135996	52.54	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76147	48.40	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	81599	50.89	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	57147	49.54	ug/l	98
56) Ethyl methacrylate	9.18	69	93789	54.34	ug/l	97
57) 1,3-Dichloropropane	9.37	76	96489	49.77	ug/l	99
59) 2-Hexanone	9.49	43	411350	244.60	ug/l	98
60) Dibromochloromethane	9.59	129	60818	48.78	ug/l	100
61) 1,2-Dibromoethane	9.67	107	59897	46.95	ug/l	99
64) Tetrachloroethene	9.34	164	51403	40.16	ug/l	98
65) Chlorobenzene	10.14	112	154156	51.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	57710	55.11	ug/l	99
67) Ethyl Benzene	10.25	91	264441	54.75	ug/l	99
68) m/p-Xylenes	10.36	106	203577	110.51	ug/l	100
69) o-Xylene	10.70	106	98061	59.36	ug/l	99
70) Styrene	10.71	104	164108	60.22	ug/l	100
71) Bromoform	10.86	173	50279	57.28	ug/l #	99
73) Isopropylbenzene	11.02	105	268071	57.15	ug/l	100
74) N-amyl acetate	10.90	43	117510	44.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96752	56.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89319m	54.08	ug/l	
77) Bromobenzene	11.26	156	70955	53.67	ug/l	99
78) n-propylbenzene	11.36	91	305656	55.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	184807	55.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	226079	56.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23457	45.27	ug/l	95
82) 4-Chlorotoluene	11.51	91	216326	54.94	ug/l	100
83) tert-Butylbenzene	11.77	119	230657	57.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	233018	52.98	ug/l	99
85) sec-Butylbenzene	11.94	105	266365	54.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	237683	54.42	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	129002	50.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	131017	50.44	ug/l	99
89) n-Butylbenzene	12.39	91	203021	50.15	ug/l	100
90) Hexachloroethane	12.60	117	41506	56.92	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	131991	51.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23577	56.12	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	96922	54.17	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	42792	45.53	ug/l	98
95) Naphthalene	13.83	128	316328	54.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100327	55.04	ug/l	99

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

