

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004111.D
 Acq On : 16 Aug 2018 09:20
 Operator : JC/MD
 Sample : J4495-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW504-180814MSD

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:22 PM

Quant Time: Aug 16 14:21:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	443117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213693	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	175944	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.72	98	684976	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.14	95	250343	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136134	48.41	ug/l	98
3) Chloromethane	1.32	50	167926	48.66	ug/l	98
4) Vinyl Chloride	1.40	62	190297	50.96	ug/l	99
5) Bromomethane	1.64	94	103636	54.79	ug/l	100
6) Chloroethane	1.72	64	128815	52.54	ug/l	98
7) Trichlorofluoromethane	1.93	101	251454	48.01	ug/l	99
8) Diethyl Ether	2.18	74	115230	50.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	151743	46.44	ug/l	100
10) Methyl Iodide	2.51	142	180993	51.67	ug/l	100
11) Tert butyl alcohol	3.04	59	178637	217.94	ug/l	100
12) 1,1-Dichloroethene	2.38	96	149519	49.20	ug/l	96
13) Acrolein	2.29	56	113594	206.26	ug/l	99
14) Allyl chloride	2.73	41	257852	44.59	ug/l	96
15) Acrylonitrile	3.14	53	500546	244.92	ug/l	100
16) Acetone	2.43	43	507721	239.91	ug/l	99
17) Carbon Disulfide	2.57	76	416777	48.35	ug/l	100
18) Methyl Acetate	2.77	43	232747	49.49	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	552055	51.56	ug/l	100
20) Methylene Chloride	2.86	84	180316	52.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	167176	48.44	ug/l	99
22) Diisopropyl ether	3.86	45	602989	53.21	ug/l	# 89
23) Vinyl Acetate	3.82	43	2496605	268.25	ug/l	99
24) 1,1-Dichloroethane	3.70	63	335424	52.26	ug/l	100
25) 2-Butanone	4.70	43	833160	241.96	ug/l	98
26) 2,2-Dichloropropane	4.58	77	106659	20.90	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	209611	54.01	ug/l	92
28) Bromochloromethane	5.02	49	161044	54.69	ug/l	98
29) Tetrahydrofuran	5.15	42	430364	244.63	ug/l	99
30) Chloroform	5.21	83	328842	52.50	ug/l	98
31) Cyclohexane	5.57	56	273247	48.56	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	271649	51.90	ug/l	99
36) 1,1-Dichloropropene	5.80	75	242293	48.05	ug/l	100
37) Ethyl Acetate	4.85	43	254600	46.37	ug/l	99
38) Carbon Tetrachloride	5.78	117	239762	48.94	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266605	46.61	ug/l	99
40) Benzene	6.14	78	751478	49.63	ug/l	99
41) Methacrylonitrile	5.06	41	142352	46.29	ug/l	99
42) 1,2-Dichloroethane	6.20	62	262488	49.53	ug/l	100
43) Isopropyl Acetate	6.46	43	395181	48.83	ug/l	99
44) Trichloroethene	7.21	130	197933	48.15	ug/l	92
45) 1,2-Dichloropropane	7.52	63	195205	50.36	ug/l	99
46) Dibromomethane	7.67	93	127435	50.31	ug/l	98
47) Bromodichloromethane	7.90	83	244951	51.06	ug/l	99
48) Methyl methacrylate	7.78	41	208842	51.26	ug/l	97
49) 1,4-Dioxane	7.76	88	76101	829.62	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1697791	255.83	ug/l	100
52) Toluene	8.79	92	483163	50.46	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	240376	46.38	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	254522	44.35	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	194990	49.31	ug/l	99
56) Ethyl methacrylate	9.18	69	288821	53.71	ug/l	99
57) 1,3-Dichloropropane	9.37	76	329303	50.19	ug/l	100
59) 2-Hexanone	9.50	43	1287983	257.87	ug/l	99
60) Dibromochloromethane	9.59	129	195998	51.51	ug/l	99
61) 1,2-Dibromoethane	9.68	107	202839	50.32	ug/l	100
64) Tetrachloroethene	9.34	164	181804	46.09	ug/l	95
65) Chlorobenzene	10.14	112	519282	48.30	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	186918	50.98	ug/l	100
67) Ethyl Benzene	10.26	91	890018	52.28	ug/l	98
68) m/p-Xylenes	10.36	106	659248	98.89	ug/l	99
69) o-Xylene	10.70	106	336541	52.82	ug/l	95
70) Stvrene	10.71	104	555860	51.84	ug/l	98
71) Bromoform	10.86	173	151727	52.18	ug/l	98
73) Isopropylbenzene	11.02	105	914515	52.71	ug/l	97
74) N-amyl acetate	6.46	43	395181	48.43	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	303455	50.09	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	263576m	51.27	ug/l	
77) Bromobenzene	11.26	156	243576	50.93	ug/l	99
78) n-propylbenzene	11.36	91	975555	50.25	ug/l	100
79) 2-Chlorotoluene	11.42	91	586320	49.56	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	743811	52.36	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	66258	39.89	ug/l	98
82) 4-Chlorotoluene	11.51	91	689291	49.29	ug/l	100
83) tert-Butylbenzene	11.77	119	733064	51.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	762041	51.80	ug/l	98
85) sec-Butylbenzene	11.94	105	855801	51.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	796908	52.51	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	436498	47.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	440855	46.96	ug/l	99
89) n-Butylbenzene	12.39	91	607648	50.81	ug/l	98
90) Hexachloroethane	12.60	117	110106	48.49	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	409985	49.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52923	49.70	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	288789	51.36	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	125876	44.66	ug/l	99
95) Naphthalene	13.83	128	942703	52.53	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	308745	50.35	ug/l	98

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

