

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009364.D
 Acq On : 06 May 2019 20:33
 Operator : JC/SP
 Sample : K2697-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4-20190502MSD

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 9:42:17 AM

Quant Time: May 07 08:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110802	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.49	113	82540	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	333497	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	123905	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68067	44.927	ug/l	100
3) Chloromethane	1.32	50	91158	44.071	ug/l	99
4) Vinyl Chloride	1.41	62	94126	46.667	ug/l	97
5) Bromomethane	1.64	94	54954	45.393	ug/l	97
6) Chloroethane	1.71	64	59590	46.016	ug/l	100
7) Trichlorofluoromethane	1.92	101	117185	47.796	ug/l	99
8) Diethyl Ether	2.19	74	56019	48.236	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72543	47.117	ug/l	99
10) Methyl Iodide	2.51	142	72719	41.510	ug/l	98
11) Tert butyl alcohol	3.06	59	146299	281.605	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73486	47.637	ug/l	95
13) Acrolein	2.29	56	101623	215.993	ug/l	98
14) Allyl chloride	2.72	41	170829	45.440	ug/l	100
15) Acrylonitrile	3.14	53	325081	255.917	ug/l	100
16) Acetone	2.45	43	280020	232.354	ug/l	100
17) Carbon Disulfide	2.56	76	189452	43.743	ug/l	100
18) Methyl Acetate	2.78	43	133907	46.721	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	293777	49.041	ug/l	99
20) Methylene Chloride	2.85	84	89577	45.906	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	78162	46.720	ug/l	98
22) Diisopropyl ether	3.86	45	351139	48.569	ug/l	91
23) Vinyl Acetate	3.81	43	1441902	232.906	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169440	47.508	ug/l	99
25) 2-Butanone	4.68	43	478074	255.278	ug/l	99
26) 2,2-Dichloropropane	4.59	77	96429	36.324	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	95626	47.887	ug/l	96
28) Bromochloromethane	5.02	49	68572	47.632	ug/l	99
29) Tetrahydrofuran	5.13	42	314109	260.647	ug/l	99
30) Chloroform	5.21	83	156815	48.614	ug/l	98
31) Cyclohexane	5.58	56	152510	45.962	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	128119	47.712	ug/l	100
36) 1,1-Dichloropropene	5.80	75	114427	46.552	ug/l	99
37) Ethyl Acetate	4.84	43	163873	47.849	ug/l	99
38) Carbon Tetrachloride	5.79	117	106971	47.898	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138258	45.800	ug/l	97
40) Benzene	6.14	78	365342	48.025	ug/l	99
41) Methacrylonitrile	5.04	41	99255	48.686	ug/l	98
42) 1,2-Dichloroethane	6.20	62	132073	48.399	ug/l	100
43) Isopropyl Acetate	6.45	43	266764	48.696	ug/l	100
44) Trichloroethene	7.21	130	85450	46.464	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104000	48.281	ug/l	99
46) Dibromomethane	7.66	93	59846	47.843	ug/l	98
47) Bromodichloromethane	7.90	83	123813	49.621	ug/l	98
48) Methyl methacrylate	7.77	41	139237	51.231	ug/l	100
49) 1,4-Dioxane	7.74	88	57131	1036.532	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	948966	265.028	ug/l	100
52) Toluene	8.79	92	220429	47.668	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	134532	47.756	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148600	47.657	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92143	48.842	ug/l	97
56) Ethyl methacrylate	9.18	69	170829	50.727	ug/l	100
57) 1,3-Dichloropropane	9.37	76	162153	48.843	ug/l	99
59) 2-Hexanone	9.49	43	751024	267.061	ug/l	100
60) Dibromochloromethane	9.58	129	92744	50.334	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93464	49.079	ug/l	99
64) Tetrachloroethene	9.34	164	75131	45.237	ug/l	98
65) Chlorobenzene	10.14	112	232428	47.988	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85632	48.766	ug/l	100
67) Ethyl Benzene	10.25	91	423858	47.550	ug/l	99
68) m/p-Xylenes	10.36	106	314428	96.527	ug/l	98
69) o-Xylene	10.69	106	155523	48.390	ug/l	100
70) Stvrene	10.71	104	272162	48.722	ug/l	100
71) Bromoform	10.85	173	72546	50.839	ug/l #	100
73) Isopropylbenzene	11.02	105	410660	46.832	ug/l	99
74) N-amyl acetate	10.90	43	239745	46.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162159	49.607	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137699m	49.229	ug/l	
77) Bromobenzene	11.26	156	104022	47.795	ug/l	98
78) n-propylbenzene	11.36	91	474353	47.367	ug/l	99
79) 2-Chlorotoluene	11.42	91	284669	46.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	347966	47.129	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49289	45.087	ug/l	97
82) 4-Chlorotoluene	11.51	91	328529	47.069	ug/l	100
83) tert-Butylbenzene	11.77	119	340447	47.400	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	351910	47.485	ug/l	100
85) sec-Butylbenzene	11.94	105	402612	47.281	ug/l	100
86) p-Isopropyltoluene	12.06	119	365912	47.799	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184892	47.654	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183575	46.931	ug/l	98
89) n-Butylbenzene	12.38	91	330721	47.799	ug/l	100
90) Hexachloroethane	12.60	117	62228	47.714	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190913	48.310	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37837	51.598	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	132319	48.963	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	65476	47.446	ug/l	99
95) Naphthalene	13.83	128	449279	51.101	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134868	49.234	ug/l	99

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

