

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009130.D
 Acq On : 23 Apr 2019 18:47
 Operator : JC/SP
 Sample : K2537-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW024-190422MS

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:09 PM

Quant Time: Apr 24 09:06:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134967	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	100393	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	8.71	98	384888	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.13	95	137731	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113030	53.794	ug/l	99
3) Chloromethane	1.32	50	135051	52.354	ug/l	100
4) Vinyl Chloride	1.41	62	133938	53.347	ug/l	97
5) Bromomethane	1.64	94	238621	143.942	ug/l	97
6) Chloroethane	1.71	64	82813	56.092	ug/l	97
7) Trichlorofluoromethane	1.92	101	157788	53.828	ug/l	99
8) Diethyl Ether	2.19	74	73421	54.768	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97290	51.910	ug/l	99
10) Methyl Iodide	2.51	142	118873	57.302	ug/l	100
11) Tert butyl alcohol	3.06	59	160398	281.074	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101288	51.776	ug/l	99
13) Acrolein	2.29	56	114006	231.215	ug/l	100
14) Allyl chloride	2.73	41	237622	55.675	ug/l	99
15) Acrylonitrile	3.15	53	409456	282.653	ug/l	100
16) Acetone	2.45	43	344355	258.294	ug/l	98
17) Carbon Disulfide	2.57	76	305708	53.100	ug/l	99
18) Methyl Acetate	2.78	43	178851	53.752	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	385693	55.333	ug/l	100
20) Methylene Chloride	2.85	84	117366	51.478	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112616	53.971	ug/l	97
22) Diisopropyl ether	3.86	45	463978	55.945	ug/l	91
23) Vinyl Acetate	3.82	43	2035852	279.256	ug/l	99
24) 1,1-Dichloroethane	3.70	63	228275	54.832	ug/l	99
25) 2-Butanone	4.68	43	600289	281.692	ug/l	98
26) 2,2-Dichloropropane	4.58	77	143653	46.033	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	145633	61.473	ug/l	97
28) Bromochloromethane	5.02	49	97926	56.896	ug/l	98
29) Tetrahydrofuran	5.13	42	405759	284.478	ug/l	99
30) Chloroform	5.21	83	207287	55.641	ug/l	99
31) Cyclohexane	5.58	56	219846	53.690	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	168517	54.577	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158569	50.351	ug/l	100
37) Ethyl Acetate	4.84	43	223104	55.055	ug/l	100
38) Carbon Tetrachloride	5.79	117	140305	52.552	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191606	49.971	ug/l	98
40) Benzene	6.14	78	490241	52.768	ug/l	100
41) Methacrylonitrile	5.05	41	128068	55.064	ug/l	99
42) 1,2-Dichloroethane	6.19	62	175496	53.325	ug/l	99
43) Isopropyl Acetate	6.45	43	352251	53.940	ug/l	99
44) Trichloroethene	7.21	130	115717	50.834	ug/l	98
45) 1,2-Dichloropropane	7.51	63	139808	54.243	ug/l	99
46) Dibromomethane	7.66	93	80025	53.350	ug/l	99
47) Bromodichloromethane	7.90	83	159101	54.078	ug/l	99
48) Methyl methacrylate	7.77	41	179152	55.521	ug/l	99
49) 1,4-Dioxane	7.74	88	61622	1020.318	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1155023	277.624	ug/l	99
52) Toluene	8.79	92	285986	51.362	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	181758	53.681	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	200279	52.826	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	118491	53.694	ug/l	98
56) Ethyl methacrylate	9.18	69	213541	53.966	ug/l	99
57) 1,3-Dichloropropane	9.37	76	211245	53.764	ug/l	100
59) 2-Hexanone	9.49	43	881635	274.860	ug/l	100
60) Dibromochloromethane	9.58	129	117025	55.331	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122929	53.974	ug/l	100
64) Tetrachloroethene	9.34	164	94488	46.739	ug/l	100
65) Chlorobenzene	10.14	112	292289	52.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	107429	54.291	ug/l	100
67) Ethyl Benzene	10.25	91	543001	52.883	ug/l	99
68) m/p-Xylenes	10.36	106	396178	106.168	ug/l	99
69) o-Xylene	10.70	106	190970	52.596	ug/l	99
70) Stvrene	10.71	104	333888	53.065	ug/l	99
71) Bromoform	10.85	173	86440	54.832	ug/l #	98
73) Isopropylbenzene	11.02	105	510484	52.557	ug/l	100
74) N-amyl acetate	10.90	43	295436	52.975	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190859	53.780	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	160688m	51.356	ug/l	
77) Bromobenzene	11.26	156	124134	50.654	ug/l	99
78) n-propylbenzene	11.36	91	588883	52.823	ug/l	100
79) 2-Chlorotoluene	11.42	91	349022	51.954	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428452	52.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61885	50.777	ug/l	97
82) 4-Chlorotoluene	11.51	91	400922	51.387	ug/l	100
83) tert-Butylbenzene	11.77	119	422835	54.034	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	434256	52.341	ug/l	100
85) sec-Butylbenzene	11.94	105	486043	52.078	ug/l	100
86) p-Isopropyltoluene	12.06	119	440916	51.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216461	50.467	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219874	50.570	ug/l	99
89) n-Butylbenzene	12.38	91	406416	50.858	ug/l	100
90) Hexachloroethane	12.60	117	75816	53.565	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	217261	51.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43782	54.184	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	154390	50.497	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75092	49.245	ug/l	100
95) Naphthalene	13.83	128	522723	53.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156025	51.721	ug/l	99

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

