

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013144.D
 Acq On : 18 Oct 2019 21:47
 Operator : JC/SP
 Sample : K5414-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:03:05 AM

Quant Time: Oct 19 05:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	138638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	229929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	88398	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	71850	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
50) Toluene-d8	8.71	98	257482	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	103196	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86142	60.957	ug/l	99
3) Chloromethane	1.32	50	82502	53.644	ug/l	96
4) Vinyl Chloride	1.40	62	83455	52.573	ug/l	98
5) Bromomethane	1.63	94	36363	55.106	ug/l	99
6) Chloroethane	1.70	64	50564	52.131	ug/l	95
7) Trichlorofluoromethane	1.92	101	128297	59.881	ug/l	99
8) Diethyl Ether	2.18	74	45731	52.879	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76826	55.404	ug/l	98
10) Methyl Iodide	2.50	142	100963	62.820	ug/l	99
11) Tert butyl alcohol	3.04	59	104502	227.500	ug/l	100
12) 1,1-Dichloroethene	2.36	96	77689	55.452	ug/l	93
13) Acrolein	2.28	56	84744	259.601	ug/l	100
14) Allyl chloride	2.72	41	124312	49.825	ug/l	97
15) Acrylonitrile	3.13	53	226400	260.080	ug/l	99
16) Acetone	2.44	43	192504	210.765	ug/l	100
17) Carbon Disulfide	2.56	76	202278	50.635	ug/l	99
18) Methyl Acetate	2.76	43	103042	47.597	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	275614	56.966	ug/l	96
20) Methylene Chloride	2.84	84	89909	53.563	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	83244	55.436	ug/l	99
22) Diisopropyl ether	3.84	45	249652	52.219	ug/l	93
23) Vinyl Acetate	3.80	43	1068978	259.008	ug/l	99
24) 1,1-Dichloroethane	3.69	63	149474	55.575	ug/l	99
25) 2-Butanone	4.66	43	302295	238.562	ug/l	100
26) 2,2-Dichloropropane	4.58	77	111275	49.199	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96489	55.745	ug/l	96
28) Bromochloromethane	5.01	49	40302	50.141	ug/l	93
29) Tetrahydrofuran	5.11	42	190872	244.781	ug/l	94
30) Chloroform	5.20	83	159845	57.920	ug/l	98
31) Cyclohexane	5.57	56	128244	50.992	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138380	59.178	ug/l	98
36) 1,1-Dichloropropene	5.79	75	113102	55.948	ug/l	98
37) Ethyl Acetate	4.82	43	114455	50.633	ug/l	99
38) Carbon Tetrachloride	5.78	117	118411	60.179	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132926	54.220	ug/l	99
40) Benzene	6.14	78	341174	57.142	ug/l	100
41) Methacrylonitrile	5.03	41	64277	51.748	ug/l	97
42) 1,2-Dichloroethane	6.18	62	127223	59.382	ug/l	97
43) Isopropyl Acetate	6.43	43	190327	52.459	ug/l	99
44) Trichloroethene	7.20	130	95916	57.932	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83375	54.790	ug/l	98
46) Dibromomethane	7.65	93	59966	59.146	ug/l	96
47) Bromodichloromethane	7.89	83	120409	60.857	ug/l	99
48) Methyl methacrylate	7.76	41	95131	53.806	ug/l	97
49) 1,4-Dioxane	7.73	88	43784	925.522	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	598237	264.465	ug/l	98
52) Toluene	8.78	92	220755	57.793	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	126726	51.266	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138856	57.061	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89542	59.235	ug/l	99
56) Ethyl methacrylate	9.17	69	139594	51.512	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148571	56.818	ug/l	99
59) 2-Hexanone	9.49	43	463483	263.212	ug/l	98
60) Dibromochloromethane	9.58	129	95063	56.269	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93204	58.612	ug/l	99
64) Tetrachloroethene	9.33	164	97712	67.712	ug/l	96
65) Chlorobenzene	10.14	112	230180	55.712	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86869	60.641	ug/l	99
67) Ethyl Benzene	10.25	91	418000	56.957	ug/l	100
68) m/p-Xylenes	10.35	106	314075	114.555	ug/l	100
69) o-Xylene	10.70	106	152576	57.067	ug/l	99
70) Stvrene	10.71	104	265999	58.523	ug/l	99
71) Bromoform	10.85	173	65235	53.239	ug/l #	99
73) Isopropylbenzene	11.01	105	403014	53.754	ug/l	100
74) N-amyl acetate	10.89	43	162062	50.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	137075	54.970	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	123500m	54.603	ug/l	
77) Bromobenzene	11.25	156	93302	52.810	ug/l	96
78) n-propylbenzene	11.35	91	440583	53.405	ug/l	100
79) 2-Chlorotoluene	11.42	91	277314	53.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	348244	55.627	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	40481	46.348	ug/l	96
82) 4-Chlorotoluene	11.51	91	324387	54.585	ug/l	97
83) tert-Butylbenzene	11.76	119	334681	54.804	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	347343	54.783	ug/l	100
85) sec-Butylbenzene	11.94	105	378182	53.452	ug/l	100
86) p-Isopropyltoluene	12.06	119	361498	55.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	175451	53.477	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	176193	53.026	ug/l	98
89) n-Butylbenzene	12.39	91	291067	52.779	ug/l	99
90) Hexachloroethane	12.59	117	62222	51.147	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	174681	54.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32059	54.852	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	102811	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49927	53.693	ug/l	96
95) Naphthalene	13.83	128	341933	48.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107291	51.530	ug/l	98

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

