

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013031.D
 Acq On : 11 Oct 2019 21:00
 Operator : JC/SP
 Sample : K5313-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MSD

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 10:39:45 AM

Quant Time: Oct 12 05:46:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	267982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	99926	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	79290	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	302314	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.14	95	118652	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77461	48.211	ug/l	99
3) Chloromethane	1.32	50	86130	49.256	ug/l	96
4) Vinyl Chloride	1.40	62	117796	65.267	ug/l	99
5) Bromomethane	1.63	94	36966	49.271	ug/l	97
6) Chloroethane	1.71	64	54595	49.525	ug/l	97
7) Trichlorofluoromethane	1.92	101	127909	52.508	ug/l	99
8) Diethyl Ether	2.18	74	50813	51.678	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78284	49.655	ug/l	100
10) Methyl Iodide	2.50	142	97083	53.913	ug/l	99
11) Tert butyl alcohol	3.03	59	116159	222.414	ug/l	100
12) 1,1-Dichloroethene	2.36	96	83035	52.128	ug/l	97
13) Acrolein	2.28	56	104321	281.074	ug/l	100
14) Allyl chloride	2.72	41	143446	50.567	ug/l	98
15) Acrylonitrile	3.13	53	275027	277.881	ug/l	98
16) Acetone	2.44	43	226188	217.811	ug/l	100
17) Carbon Disulfide	2.56	76	218198	48.040	ug/l	99
18) Methyl Acetate	2.76	43	122135	49.620	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	301558	54.820	ug/l #	33
20) Methylene Chloride	2.84	84	95891	50.245	ug/l #	80
21) trans-1,2-Dichloroethene	3.16	96	90325	52.905	ug/l	99
22) Diisopropyl ether	3.84	45	292375	53.788	ug/l	93
23) Vinyl Acetate	3.80	43	1235780	263.352	ug/l	99
24) 1,1-Dichloroethane	3.69	63	162922	53.277	ug/l	99
25) 2-Butanone	4.66	43	365827	253.920	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117372	45.643	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	172859	87.836	ug/l	94
28) Bromochloromethane	5.00	49	47501	51.995	ug/l	99
29) Tetrahydrofuran	5.12	42	234808	264.850	ug/l	99
30) Chloroform	5.20	83	167712	53.450	ug/l	99
31) Cyclohexane	5.57	56	523330	183.018	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	146549	55.122	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124419	52.807	ug/l	99
37) Ethyl Acetate	4.82	43	134265	50.962	ug/l	99
38) Carbon Tetrachloride	5.78	117	121832	53.125	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	497321	174.051	ug/l	99
40) Benzene	6.14	78	628580	90.329	ug/l	100
41) Methacrylonitrile	5.03	41	76711	52.989	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138866	55.613	ug/l	99
43) Isopropyl Acetate	6.43	43	230006	54.393	ug/l	99
44) Trichloroethene	7.20	130	99819	51.728	ug/l	91
45) 1,2-Dichloropropane	7.51	63	99522	56.114	ug/l	100
46) Dibromomethane	7.65	93	64845	54.876	ug/l	100
47) Bromodichloromethane	7.89	83	129755	56.268	ug/l	100
48) Methyl methacrylate	7.76	41	126235	61.260	ug/l #	88
49) 1,4-Dioxane	7.73	88	47310	860.607	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	735975	279.156	ug/l	99
52) Toluene	8.78	92	331188	74.392	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138262	48.129	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152538	53.783	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94699	53.750	ug/l	98
56) Ethyl methacrylate	9.17	69	170103	53.774	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164380	53.937	ug/l	100
59) 2-Hexanone	9.49	43	538884	262.576	ug/l	98
60) Dibromochloromethane	9.58	129	98627	50.293	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102696	55.411	ug/l	100
64) Tetrachloroethene	9.33	164	79508	47.249	ug/l	91
65) Chlorobenzene	10.14	112	253944	52.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	92787	55.545	ug/l	99
67) Ethyl Benzene	10.25	91	877987	102.593	ug/l	99
68) m/p-Xylenes	10.36	106	730695	228.549	ug/l	99
69) o-Xylene	10.70	106	189884	60.904	ug/l	97
70) Styrene	10.71	104	293430	55.362	ug/l	98
71) Bromoform	10.85	173	66454	46.905	ug/l #	100
73) Isopropylbenzene	11.01	105	598340	70.679	ug/l	100
74) N-amyl acetate	10.89	43	195379	53.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	150345	53.396	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	139935m	54.793	ug/l	
77) Bromobenzene	11.25	156	104160	52.213	ug/l	97
78) n-propylbenzene	11.35	91	679377	72.931	ug/l	99
79) 2-Chlorotoluene	11.42	91	355127	60.660	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	614135	86.880	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43389	44.204	ug/l	99
82) 4-Chlorotoluene	11.51	91	387816	57.795	ug/l	96
83) tert-Butylbenzene	11.77	119	371618	53.893	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	932651	130.275	ug/l	100
85) sec-Butylbenzene	11.94	105	476788	59.682	ug/l	98
86) p-Isopropyltoluene	12.06	119	427128	57.649	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	192009	51.831	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195368	52.073	ug/l	98
89) n-Butylbenzene	12.39	91	381195	61.216	ug/l	94
90) Hexachloroethane	12.59	117	73888	53.681	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	192443	52.989	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36924	55.950	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	122940	54.039	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	54513	51.920	ug/l	99
95) Naphthalene	13.83	128	505694	64.122	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124975	53.158	ug/l	98

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

