

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011537.D
 Acq On : 13 Aug 2019 15:41
 Operator : JC/SP
 Sample : K4279-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668MS

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 11:32:00 AM

Quant Time: Aug 14 02:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95649	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
35) Dibromofluoromethane	5.49	113	81995	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.71	98	302266	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	120047	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	53917	43.086	ug/l	99
3) Chloromethane	1.32	50	58730	41.793	ug/l	100
4) Vinyl Chloride	1.40	62	65446	42.339	ug/l	99
5) Bromomethane	1.63	94	49344	44.759	ug/l	95
6) Chloroethane	1.71	64	43793	45.527	ug/l	99
7) Trichlorofluoromethane	1.92	101	119104	43.335	ug/l	98
8) Diethyl Ether	2.18	74	42445	43.249	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68111	45.800	ug/l	97
10) Methyl Iodide	2.50	142	82251	43.869	ug/l	97
11) Tert butyl alcohol	3.04	59	89456	274.935	ug/l	100
12) 1,1-Dichloroethene	2.37	96	67228	45.604	ug/l	90
13) Acrolein	2.29	56	47994	237.333	ug/l	99
14) Allyl chloride	2.72	41	106064	53.969	ug/l	96
15) Acrylonitrile	3.14	53	210955	271.695	ug/l	98
16) Acetone	2.43	43	180147	231.955	ug/l	93
17) Carbon Disulfide	2.56	76	145369	42.022	ug/l	98
18) Methyl Acetate	2.76	43	97579	54.979	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	240355	55.327	ug/l #	71
20) Methylene Chloride	2.85	84	79668	46.839	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74140	47.544	ug/l	89
22) Diisopropyl ether	3.85	45	231161	53.518	ug/l	99
23) Vinyl Acetate	3.81	43	988210	275.846	ug/l	99
24) 1,1-Dichloroethane	3.69	63	132527	52.034	ug/l	98
25) 2-Butanone	4.67	43	294258	266.350	ug/l	96
26) 2,2-Dichloropropane	4.57	77	99845	50.430	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	89971	50.090	ug/l	96
28) Bromochloromethane	5.01	49	61467	52.938	ug/l	95
29) Tetrahydrofuran	5.12	42	183697	271.181	ug/l	99
30) Chloroform	5.20	83	148295	53.572	ug/l	97
31) Cyclohexane	5.57	56	278368	132.476	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	131278	55.361	ug/l	99
36) 1,1-Dichloropropene	5.79	75	102882	48.252	ug/l	98
37) Ethyl Acetate	4.82	43	106791	49.931	ug/l	98
38) Carbon Tetrachloride	5.78	117	111494	51.975	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178082	70.461	ug/l	97
40) Benzene	6.13	78	354497	55.715	ug/l	98
41) Methacrylonitrile	5.03	41	61289	52.472	ug/l	96
42) 1,2-Dichloroethane	6.18	62	120131	55.835	ug/l	97
43) Isopropyl Acetate	6.44	43	178040	52.068	ug/l	99
44) Trichloroethene	7.21	130	89519	46.482	ug/l	96
45) 1,2-Dichloropropane	7.51	63	78632	47.719	ug/l	94
46) Dibromomethane	7.66	93	59355	49.342	ug/l	97
47) Bromodichloromethane	7.90	83	110024	54.022	ug/l	99
48) Methyl methacrylate	7.76	41	92337	57.380	ug/l	96
49) 1,4-Dioxane	7.73	88	39333	843.107	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	606847	274.997	ug/l	99
52) Toluene	8.78	92	208183	49.487	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	117180	49.438	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	124492	52.328	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87957	50.852	ug/l	99
56) Ethyl methacrylate	9.18	69	134223	54.455	ug/l	97
57) 1,3-Dichloropropane	9.37	76	138777	50.733	ug/l	100
59) 2-Hexanone	9.49	43	470599	275.322	ug/l	98
60) Dibromochloromethane	9.58	129	96381	54.427	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96769	51.784	ug/l	97
64) Tetrachloroethene	9.34	164	84235	42.993	ug/l	96
65) Chlorobenzene	10.13	112	239701	48.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89224	52.685	ug/l	98
67) Ethyl Benzene	10.25	91	2022365	244.115	ug/l	98
68) m/p-Xylenes	10.36	106	356835	111.357	ug/l	95
69) o-Xylene	10.69	106	159033	50.511	ug/l	95
70) Stvrene	10.71	104	275114	52.809	ug/l	98
71) Bromoform	10.85	173	72877	48.234	ug/l #	100
73) Isopropylbenzene	11.02	105	601202	68.483	ug/l	99
74) N-amyl acetate	10.90	43	167322	52.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	142616	48.749	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	119561m	51.147	ug/l	
77) Bromobenzene	11.26	156	117394	48.224	ug/l	95
78) n-propylbenzene	11.36	91	694261	71.114	ug/l	99
79) 2-Chlorotoluene	11.42	91	292920	50.340	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	364145	49.551	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	38964	45.007	ug/l	95
82) 4-Chlorotoluene	11.51	91	340518	50.214	ug/l	97
83) tert-Butylbenzene	11.77	119	363240	50.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1539223	210.372	ug/l	99
85) sec-Butylbenzene	11.94	105	445787	51.479	ug/l	99
86) p-Isopropyltoluene	12.06	119	405068	50.846	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	208557	48.488	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	210634	47.491	ug/l	98
89) n-Butylbenzene	12.38	91	362070	52.754	ug/l	98
90) Hexachloroethane	12.59	117	68840	58.448	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	208442	48.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32439	57.232	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	146152	50.993	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	70147	48.240	ug/l	99
95) Naphthalene	13.83	128	1032672	123.207	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147462	50.608	ug/l	98

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

