

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011496.D
 Acq On : 12 Aug 2019 20:09
 Operator : JC/SP
 Sample : K4278-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0693MSD

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:18:11 AM

Quant Time: Aug 13 08:54:33 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	146114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	87924	59.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.50%	
35) Dibromofluoromethane	5.49	113	76364	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	8.71	98	279850	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.13	95	106349	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	50569	44.811 ug/l	100
3) Chloromethane	1.32	50	57139	45.088 ug/l	99
4) Vinyl Chloride	1.40	62	64993	46.624 ug/l	99
5) Bromomethane	1.63	94	45896	46.165 ug/l	100
6) Chloroethane	1.71	64	42303	48.964 ug/l	99
7) Trichlorofluoromethane	1.92	101	114804	46.319 ug/l	97
8) Diethyl Ether	2.18	74	40873	46.182 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61282	45.695 ug/l	98
10) Methyl Iodide	2.50	142	81921	48.451 ug/l	97
11) Tert butyl alcohol	3.04	59	83725	285.341 ug/l	100
12) 1,1-Dichloroethene	2.36	96	63541	47.797 ug/l	86
13) Acrolein	2.29	56	42966	235.603 ug/l	100
14) Allyl chloride	2.72	41	97208	54.849 ug/l	95
15) Acrylonitrile	3.14	53	197530	282.108 ug/l	99
16) Acetone	2.44	43	170817	243.892 ug/l	96
17) Carbon Disulfide	2.56	76	143251	45.919 ug/l	100
18) Methyl Acetate	2.76	43	92982	58.093 ug/l	98
19) Methyl tert-butyl Ether	3.18	73	222887	56.893 ug/l	99
20) Methylene Chloride	2.85	84	75943	49.511 ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	82833	58.903 ug/l	93
22) Diisopropyl ether	3.85	45	216427	55.563 ug/l	99
23) Vinyl Acetate	3.81	43	929026	287.565 ug/l	99
24) 1,1-Dichloroethane	3.69	63	123035	53.568 ug/l	99
25) 2-Butanone	4.67	43	277501	278.534 ug/l	99
26) 2,2-Dichloropropane	4.58	77	79919	44.761 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	86120	53.167 ug/l	99
28) Bromochloromethane	5.01	49	56654	54.106 ug/l	98
29) Tetrahydrofuran	5.12	42	174378	285.456 ug/l	98
30) Chloroform	5.20	83	139523	55.891 ug/l	98
31) Cyclohexane	5.57	56	89943	47.465 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	120060	56.143 ug/l	99
36) 1,1-Dichloropropene	5.79	75	94172	48.418 ug/l	98
37) Ethyl Acetate	4.82	43	102338	52.455 ug/l	99
38) Carbon Tetrachloride	5.77	117	104942	53.629 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96181	41.719	ug/l	98
40) Benzene	6.13	78	290488	50.049	ug/l	97
41) Methacrylonitrile	5.04	41	57133	53.622	ug/l	97
42) 1,2-Dichloroethane	6.19	62	110023	56.059	ug/l	97
43) Isopropyl Acetate	6.44	43	166399	53.347	ug/l	100
44) Trichloroethene	7.21	130	83413	47.480	ug/l	98
45) 1,2-Dichloropropane	7.51	63	76235	50.717	ug/l	98
46) Dibromomethane	7.66	93	55933	50.973	ug/l	96
47) Bromodichloromethane	7.90	83	104164	56.067	ug/l	99
48) Methyl methacrylate	7.77	41	82687	56.329	ug/l	97
49) 1,4-Dioxane	7.74	88	38666	908.584	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	570987	283.651	ug/l	99
52) Toluene	8.78	92	189550	49.395	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	105298	48.743	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	112678	51.921	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	84225	53.382	ug/l	100
56) Ethyl methacrylate	9.18	69	125713	55.911	ug/l	98
57) 1,3-Dichloropropane	9.37	76	130834	52.433	ug/l	99
59) 2-Hexanone	9.49	43	439321	281.762	ug/l	98
60) Dibromochloromethane	9.58	129	90390	55.957	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88897	52.150	ug/l	100
64) Tetrachloroethene	9.34	164	76631	42.898	ug/l	96
65) Chlorobenzene	10.13	112	220554	48.902	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83856	54.309	ug/l	99
67) Ethyl Benzene	10.25	91	381274	50.478	ug/l	98
68) m/p-Xylenes	10.35	106	291060	99.623	ug/l	96
69) o-Xylene	10.69	106	142881	49.774	ug/l	98
70) Styrene	10.71	104	247447	52.096	ug/l	98
71) Bromoform	10.85	173	67305	48.822	ug/l	100
73) Isopropylbenzene	11.02	105	387614	50.802	ug/l	100
74) N-amyl acetate	10.90	43	149688	54.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	131986	51.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111212m	54.740	ug/l	
77) Bromobenzene	11.25	156	105628	49.925	ug/l	97
78) n-propylbenzene	11.36	91	426454	50.260	ug/l	99
79) 2-Chlorotoluene	11.42	91	258696	51.153	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	326837	51.172	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34637	45.930	ug/l	95
82) 4-Chlorotoluene	11.51	91	303744	51.536	ug/l	97
83) tert-Butylbenzene	11.77	119	327325	52.253	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	327973	51.575	ug/l	99
85) sec-Butylbenzene	11.94	105	373265	49.595	ug/l	100
86) p-Isopropyltoluene	12.06	119	344008	49.684	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183234	49.015	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	185747	48.186	ug/l	99
89) n-Butylbenzene	12.38	91	287226	48.151	ug/l	99
90) Hexachloroethane	12.60	117	56420	55.116	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	186822	49.738	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28640	58.138	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	120251	48.274	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	57660	45.623	ug/l	99
95) Naphthalene	13.83	128	388923	53.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123314	48.694	ug/l	99

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

