

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011265.D
 Acq On : 01 Aug 2019 17:23
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080119

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:19 AM

Quant Time: Aug 02 02:14:58 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	5.66	168	164653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122130	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	81599	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.49	113	76382	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	287725	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.13	95	108383	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65643	51.619	ug/l	96
3) Chloromethane	1.32	50	69339	48.555	ug/l	99
4) Vinyl Chloride	1.40	62	78419	49.922	ug/l	100
5) Bromomethane	1.63	94	55980	49.968	ug/l	98
6) Chloroethane	1.71	64	51046	52.626	ug/l	96
7) Trichlorofluoromethane	1.92	101	143691	51.446	ug/l	97
8) Diethyl Ether	2.18	74	48662	48.792	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74805	49.498	ug/l	99
10) Methyl Iodide	2.50	142	87218	45.776	ug/l	100
11) Tert butyl alcohol	3.04	59	91963	278.128	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73451	49.030	ug/l	95
13) Acrolein	2.29	56	50315	244.853	ug/l	98
14) Allyl chloride	2.72	41	105898	53.025	ug/l	99
15) Acrylonitrile	3.14	53	202708	256.907	ug/l	99
16) Acetone	2.43	43	183741	232.806	ug/l	98
17) Carbon Disulfide	2.56	76	185407	52.740	ug/l	100
18) Methyl Acetate	2.76	43	90541	50.199	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	228070	51.661	ug/l	97
20) Methylene Chloride	2.85	84	81255	47.009	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	78852	49.758	ug/l	99
22) Diisopropyl ether	3.85	45	222449	50.679	ug/l	98
23) Vinyl Acetate	3.81	43	993456	272.884	ug/l	100
24) 1,1-Dichloroethane	3.69	63	128167	49.519	ug/l	99
25) 2-Butanone	4.67	43	284645	253.536	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105484	52.428	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	90900	49.800	ug/l	98
28) Bromochloromethane	5.01	49	57115	48.405	ug/l	99
29) Tetrahydrofuran	5.12	42	175328	254.696	ug/l	99
30) Chloroform	5.20	83	140059	49.789	ug/l	100
31) Cyclohexane	5.57	56	111036	51.999	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	123887	51.410	ug/l	99
36) 1,1-Dichloropropene	5.79	75	102515	48.391	ug/l	100
37) Ethyl Acetate	4.82	43	106348	50.047	ug/l	100
38) Carbon Tetrachloride	5.78	117	110963	52.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123370	49.130	ug/l	100
40) Benzene	6.13	78	314391	49.732	ug/l	99
41) Methacrylonitrile	5.03	41	56271	48.488	ug/l	99
42) 1,2-Dichloroethane	6.18	62	106315	49.734	ug/l	99
43) Isopropyl Acetate	6.44	43	171391	50.448	ug/l	99
44) Trichloroethene	7.21	130	92590	48.388	ug/l	99
45) 1,2-Dichloropropane	7.51	63	77456	47.310	ug/l	95
46) Dibromomethane	7.66	93	57845	48.399	ug/l	98
47) Bromodichloromethane	7.90	83	104505	51.645	ug/l	99
48) Methyl methacrylate	7.77	41	82321	51.488	ug/l	99
49) 1,4-Dioxane	7.74	88	46546	1004.191	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	569328	259.668	ug/l	99
52) Toluene	8.78	92	207711	49.695	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114626	48.718	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	125970	53.293	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	86863	50.546	ug/l	99
56) Ethyl methacrylate	9.18	69	128926	52.645	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135509	49.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	300944	249.926	ug/l	100
59) 2-Hexanone	9.49	43	451803	266.041	ug/l	99
60) Dibromochloromethane	9.58	129	94704	53.827	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93848	50.546	ug/l	97
64) Tetrachloroethene	9.34	164	90252	47.002	ug/l	97
65) Chlorobenzene	10.13	112	236165	48.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	86563	52.155	ug/l	99
67) Ethyl Benzene	10.25	91	409927	50.489	ug/l	99
68) m/p-Xylenes	10.35	106	319128	101.619	ug/l	99
69) o-Xylene	10.69	106	151862	49.216	ug/l	98
70) Styrene	10.71	104	264796	51.864	ug/l	99
71) Bromoform	10.85	173	71331	48.176	ug/l #	99
73) Isopropylbenzene	11.02	105	416061	49.811	ug/l	100
74) N-amyl acetate	10.90	43	164676	54.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137861	49.527	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113371m	50.973	ug/l	
77) Bromobenzene	11.25	156	113371	48.947	ug/l	98
78) n-propylbenzene	11.36	91	470346	50.635	ug/l	100
79) 2-Chlorotoluene	11.42	91	273170	49.340	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	351502	50.271	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40521	48.772	ug/l	99
82) 4-Chlorotoluene	11.51	91	323044	50.066	ug/l	99
83) tert-Butylbenzene	11.77	119	347057	50.608	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	355966	51.133	ug/l	100
85) sec-Butylbenzene	11.94	105	416186	50.512	ug/l	100
86) p-Isopropyltoluene	12.06	119	385145	50.811	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205755	50.276	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207407	49.148	ug/l	99
89) n-Butylbenzene	12.38	91	334853	51.277	ug/l	99
90) Hexachloroethane	12.59	117	59434	53.036	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	204262	49.674	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29927	55.493	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139828	51.275	ug/l	100
94) Hexachlorobutadiene	13.78	225	69815	50.460	ug/l	100
95) Naphthalene	13.83	128	426621	53.496	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137515	49.602	ug/l	98

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

