

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014326.D
 Acq On : 27 Dec 2019 21:57
 Operator : JC/SP
 Sample : K6449-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MS

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:15 AM

Quant Time: Dec 30 06:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	455479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	725903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	657674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	263268	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	5.49	113	225645	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
50) Toluene-d8	8.71	98	855011	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	305200	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	180052	44.186	ug/l	99
3) Chloromethane	1.32	50	252921	46.250	ug/l	99
4) Vinyl Chloride	1.40	62	276901	47.988	ug/l	99
5) Bromomethane	1.63	94	170205	41.559	ug/l	99
6) Chloroethane	1.71	64	180170	50.591	ug/l	95
7) Trichlorofluoromethane	1.92	101	352874	49.401	ug/l	97
8) Diethyl Ether	2.18	74	168862	50.371	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	211891	49.210	ug/l	100
10) Methyl Iodide	2.50	142	241192	42.870	ug/l	98
11) Tert butyl alcohol	3.03	59	299988	268.942	ug/l	96
12) 1,1-Dichloroethene	2.36	96	216497	49.413	ug/l	99
13) Acrolein	2.28	56	186191	291.601	ug/l	98
14) Allyl chloride	2.72	41	406863	52.009	ug/l	97
15) Acrylonitrile	3.13	53	738589	283.690	ug/l	99
16) Acetone	2.43	43	616601	183.984	ug/l	99
17) Carbon Disulfide	2.56	76	534507	44.034	ug/l	100
18) Methyl Acetate	2.76	43	361612	54.452	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	770282	53.501	ug/l	98
20) Methylene Chloride	2.85	84	257560	48.803	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	236099	48.913	ug/l	98
22) Diisopropyl ether	3.84	45	855211	54.860	ug/l	96
23) Vinyl Acetate	3.80	43	3482703	273.764	ug/l	99
24) 1,1-Dichloroethane	3.69	63	448830	51.749	ug/l	100
25) 2-Butanone	4.65	43	1023532	247.716	ug/l	99
26) 2,2-Dichloropropane	4.57	77	300603	44.640	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	278399	50.998	ug/l	98
28) Bromochloromethane	5.00	49	190335	56.998	ug/l	94
29) Tetrahydrofuran	5.11	42	669834	289.838	ug/l	99
30) Chloroform	5.20	83	434277	52.819	ug/l	100
31) Cyclohexane	5.57	56	393879	51.061	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	357253	50.983	ug/l	99
36) 1,1-Dichloropropene	5.79	75	321044	48.201	ug/l	99
37) Ethyl Acetate	4.82	43	381117	51.816	ug/l	100
38) Carbon Tetrachloride	5.78	117	298377	49.175	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384334	46.732	ug/l	97
40) Benzene	6.14	78	1014212	49.489	ug/l	98
41) Methacrylonitrile	5.03	41	223591	54.788	ug/l	98
42) 1,2-Dichloroethane	6.19	62	350673	50.479	ug/l	100
43) Isopropyl Acetate	6.43	43	634163	52.099	ug/l	99
44) Trichloroethene	7.21	130	267076	47.182	ug/l	98
45) 1,2-Dichloropropane	7.51	63	270706	51.536	ug/l	99
46) Dibromomethane	7.65	93	171255	49.312	ug/l	98
47) Bromodichloromethane	7.89	83	336545	51.455	ug/l	97
48) Methyl methacrylate	7.76	41	320421	53.758	ug/l	98
49) 1,4-Dioxane	7.73	88	117773	970.943	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2080201	272.118	ug/l	100
52) Toluene	8.78	92	629807	48.621	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	364217	50.785	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	407528	51.006	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	264742	50.994	ug/l	98
56) Ethyl methacrylate	9.17	69	428199	52.506	ug/l	100
57) 1,3-Dichloropropane	9.37	76	446152	51.077	ug/l	99
59) 2-Hexanone	9.48	43	1583422	257.307	ug/l	99
60) Dibromochloromethane	9.58	129	274808	53.252	ug/l	100
61) 1,2-Dibromoethane	9.67	107	274039	51.590	ug/l	99
64) Tetrachloroethene	9.33	164	258608	44.437	ug/l	98
65) Chlorobenzene	10.14	112	681825	48.758	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	252676	50.606	ug/l	99
67) Ethyl Benzene	10.25	91	1196923	49.786	ug/l	100
68) m/p-Xylenes	10.36	106	905929	97.974	ug/l	99
69) o-Xylene	10.70	106	445305	49.104	ug/l	100
70) Styrene	10.71	104	760452	49.590	ug/l	99
71) Bromoform	10.86	173	207018	51.580	ug/l	100
73) Isopropylbenzene	11.01	105	1162618	51.287	ug/l	100
74) N-amyl acetate	10.89	43	538021	50.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	416051	52.938	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	339138m	48.518	ug/l	
77) Bromobenzene	11.25	156	306080	49.074	ug/l	99
78) n-propylbenzene	11.35	91	1307285	51.413	ug/l	99
79) 2-Chlorotoluene	11.42	91	784420	50.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	967027	50.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	127907	51.649	ug/l	98
82) 4-Chlorotoluene	11.51	91	896872	50.023	ug/l	99
83) tert-Butylbenzene	11.76	119	965713	52.014	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	976374	51.103	ug/l	100
85) sec-Butylbenzene	11.94	105	1127390	51.436	ug/l	100
86) p-Isopropyltoluene	12.06	119	1020891	50.919	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	532946	48.755	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	527708	47.478	ug/l	100
89) n-Butylbenzene	12.39	91	866015	50.622	ug/l	100
90) Hexachloroethane	12.59	117	184143	51.134	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	529639	48.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85453	49.134	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	349218	48.827	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	168677	49.073	ug/l	99
95) Naphthalene	13.83	128	1118583	53.232	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	361138	51.151	ug/l	98

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

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