

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052119\
 Data File : VX009764.D
 Acq On : 21 May 2019 21:38
 Operator : JC/SP
 Sample : K2973-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0153MS

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:39:47 AM

Quant Time: May 22 08:25:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	254237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	95626	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	
35) Dibromofluoromethane	5.49	113	71894	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
50) Toluene-d8	8.71	98	277689	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	
62) 4-Bromofluorobenzene	11.13	95	106090	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67645	46.260	ug/l	99
3) Chloromethane	1.32	50	103855	52.021	ug/l	100
4) Vinyl Chloride	1.41	62	108375	55.670	ug/l	100
5) Bromomethane	1.64	94	54283	46.457	ug/l	97
6) Chloroethane	1.71	64	65190	52.157	ug/l	99
7) Trichlorofluoromethane	1.92	101	116897	49.400	ug/l	98
8) Diethyl Ether	2.19	74	54682	48.784	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70026	47.124	ug/l	99
10) Methyl Iodide	2.51	142	82758	48.122	ug/l	99
11) Tert butyl alcohol	3.05	59	122871	245.045	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73679	49.486	ug/l	98
13) Acrolein	2.29	56	96628	212.788	ug/l	99
14) Allyl chloride	2.73	41	176141	48.544	ug/l	98
15) Acrylonitrile	3.14	53	307682	250.961	ug/l	99
16) Acetone	2.45	43	268516	230.850	ug/l	99
17) Carbon Disulfide	2.57	76	221615	53.016	ug/l	99
18) Methyl Acetate	2.78	43	116614	42.156	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	281905	48.758	ug/l	99
20) Methylene Chloride	2.85	84	89673	47.614	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	81513	50.481	ug/l	98
22) Diisopropyl ether	3.85	45	348931	50.005	ug/l	99
23) Vinyl Acetate	3.81	43	1398250	234.006	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168863	49.055	ug/l	100
25) 2-Butanone	4.67	43	455529	252.019	ug/l	98
26) 2,2-Dichloropropane	4.59	77	101500	39.614	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	133694	69.367	ug/l	97
28) Bromochloromethane	5.01	49	86596	63.218	ug/l	98
29) Tetrahydrofuran	5.13	42	303711	261.115	ug/l	98
30) Chloroform	5.21	83	154451	49.609	ug/l	98
31) Cyclohexane	5.58	56	163145	50.941	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	126632	48.860	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116888	49.473	ug/l	99
37) Ethyl Acetate	4.83	43	155072	47.107	ug/l	99
38) Carbon Tetrachloride	5.78	117	106164	49.456	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142538	49.125	ug/l	98
40) Benzene	6.14	78	364811	49.892	ug/l	99
41) Methacrylonitrile	5.04	41	98274	50.151	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132751	50.612	ug/l	99
43) Isopropyl Acetate	6.45	43	253875	48.214	ug/l	99
44) Trichloroethene	7.21	130	84670	47.899	ug/l	99
45) 1,2-Dichloropropane	7.51	63	102470	49.491	ug/l	99
46) Dibromomethane	7.66	93	59167	49.210	ug/l	99
47) Bromodichloromethane	7.90	83	118697	49.491	ug/l	97
48) Methyl methacrylate	7.77	41	137478	52.626	ug/l	98
49) 1,4-Dioxane	7.74	88	49102	926.831	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	916345	266.250	ug/l	98
52) Toluene	8.78	92	222435	50.044	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135084	49.888	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145886	48.676	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	88205	48.642	ug/l	95
56) Ethyl methacrylate	9.18	69	166099	51.314	ug/l	97
57) 1,3-Dichloropropane	9.37	76	157492	49.355	ug/l	99
59) 2-Hexanone	9.49	43	709926	262.639	ug/l	98
60) Dibromochloromethane	9.58	129	90038	50.838	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92468	50.517	ug/l	100
64) Tetrachloroethene	9.34	164	71476	44.174	ug/l	98
65) Chlorobenzene	10.13	112	229343	48.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	82816	48.410	ug/l	100
67) Ethyl Benzene	10.25	91	426198	49.077	ug/l	100
68) m/p-Xylenes	10.36	106	312754	98.552	ug/l	98
69) o-Xylene	10.69	106	152529	48.714	ug/l	100
70) Stvrene	10.71	104	269088	49.446	ug/l	99
71) Bromoform	10.85	173	68893	49.555	ug/l #	99
73) Isopropylbenzene	11.02	105	407643	47.780	ug/l	99
74) N-amyl acetate	10.90	43	223424	44.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	152664	48.000	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131871m	48.455	ug/l	
77) Bromobenzene	11.26	156	101343	47.858	ug/l	99
78) n-propylbenzene	11.36	91	472238	48.467	ug/l	100
79) 2-Chlorotoluene	11.42	91	284282	47.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347515	48.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48257	45.369	ug/l	97
82) 4-Chlorotoluene	11.51	91	325353	47.909	ug/l	99
83) tert-Butylbenzene	11.77	119	335220	47.969	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	348555	48.339	ug/l	99
85) sec-Butylbenzene	11.94	105	391626	47.269	ug/l	100
86) p-Isopropyltoluene	12.06	119	355664	47.751	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	179982	47.677	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178386	46.871	ug/l	100
89) n-Butylbenzene	12.38	91	322546	47.912	ug/l	100
90) Hexachloroethane	12.59	117	61040	48.103	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	178486	46.420	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34359	48.157	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	124968	47.528	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	62163	46.297	ug/l	98
95) Naphthalene	13.83	128	402181	47.015	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126616	47.506	ug/l	98

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

