

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014802.D
 Acq On : 04 Feb 2020 12:17
 Operator : JC/SP
 Sample : VX0204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:30 PM

Quant Time: Feb 05 03:22:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	415238	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	620725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	558317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	233013	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.48	113	188204	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.71	98	725118	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	255358	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	98845	18.077	ug/l 100
3) Chloromethane	1.32	50	98814	17.591	ug/l 99
4) Vinyl Chloride	1.40	62	115357	18.993	ug/l 98
5) Bromomethane	1.63	94	71282	17.278	ug/l 98
6) Chloroethane	1.72	64	65961	18.099	ug/l 100
7) Trichlorofluoromethane	1.92	101	130841	18.501	ug/l 97
8) Diethyl Ether	2.18	74	57728	18.701	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80242	19.328	ug/l 99
10) Methyl Iodide	2.50	142	93794	17.217	ug/l 98
11) Tert butyl alcohol	3.02	59	94442	86.751	ug/l 99
12) 1,1-Dichloroethene	2.37	96	74729	18.104	ug/l 100
13) Acrolein	2.28	56	58387	68.020	ug/l 99
14) Allyl chloride	2.72	41	135499	18.263	ug/l 98
15) Acrylonitrile	3.12	53	233567	92.726	ug/l 100
16) Acetone	2.43	43	222093	83.670	ug/l 100
17) Carbon Disulfide	2.56	76	184014	16.311	ug/l 99
18) Methyl Acetate	2.76	43	147078	19.388	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	263465	19.487	ug/l 98
20) Methylene Chloride	2.84	84	91326	18.571	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	80323	17.673	ug/l 99
22) Diisopropyl ether	3.84	45	286012	19.376	ug/l 94
23) Vinyl Acetate	3.80	43	1096370	97.433	ug/l 100
24) 1,1-Dichloroethane	3.69	63	151779	18.933	ug/l 98
25) 2-Butanone	4.65	43	329772	86.608	ug/l 98
26) 2,2-Dichloropropane	4.57	77	124825	19.453	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	94777	18.632	ug/l 99
28) Bromochloromethane	5.00	49	62442	17.725	ug/l 98
29) Tetrahydrofuran	5.11	42	201416	89.126	ug/l 97
30) Chloroform	5.19	83	152444	19.196	ug/l 98
31) Cyclohexane	5.57	56	135051	17.911	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	126151	18.793	ug/l 99
36) 1,1-Dichloropropene	5.78	75	110215	19.109	ug/l 99
37) Ethyl Acetate	4.81	43	124316	18.819	ug/l 99
38) Carbon Tetrachloride	5.78	117	109003	19.788	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136364	18.872	ug/l	96
40) Benzene	6.13	78	345955	19.413	ug/l	99
41) Methacrylonitrile	5.03	41	69617	18.310	ug/l	98
42) 1,2-Dichloroethane	6.18	62	123375	20.048	ug/l	99
43) Isopropyl Acetate	6.43	43	203436	18.806	ug/l	100
44) Trichloroethene	7.20	130	94839	18.840	ug/l	99
45) 1,2-Dichloropropane	7.50	63	90123	19.630	ug/l	97
46) Dibromomethane	7.65	93	59491	20.007	ug/l	97
47) Bromodichloromethane	7.89	83	117673	20.177	ug/l	95
48) Methyl methacrylate	7.76	41	101209	19.581	ug/l	99
49) 1,4-Dioxane	7.73	88	41410	377.957	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	648172	94.934	ug/l	99
52) Toluene	8.78	92	216892	19.799	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124764	19.868	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139481	20.191	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90767	20.237	ug/l	98
56) Ethyl methacrylate	9.17	69	134329	18.820	ug/l	98
57) 1,3-Dichloropropane	9.36	76	151588	19.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	221481	98.191	ug/l	100
59) 2-Hexanone	9.48	43	495859	93.592	ug/l	100
60) Dibromochloromethane	9.57	129	93278	19.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94261	19.877	ug/l	98
64) Tetrachloroethene	9.33	164	102214	18.495	ug/l	97
65) Chlorobenzene	10.13	112	233457	19.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89205	20.260	ug/l	98
67) Ethyl Benzene	10.25	91	405484	19.885	ug/l	99
68) m/p-Xylenes	10.35	106	308385	39.920	ug/l	98
69) o-Xylene	10.70	106	149188	20.004	ug/l	98
70) Styrene	10.71	104	255357	20.412	ug/l	100
71) Bromoform	10.85	173	69265	19.781	ug/l #	99
73) Isopropylbenzene	11.01	105	405071	20.644	ug/l	100
74) N-amyl acetate	10.89	43	165252	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132010	18.843	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	115084m	17.726	ug/l	
77) Bromobenzene	11.25	156	103606	19.655	ug/l	98
78) n-propylbenzene	11.35	91	454149	20.391	ug/l	100
79) 2-Chlorotoluene	11.42	91	274129	20.342	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336339	20.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41920	18.375	ug/l	94
82) 4-Chlorotoluene	11.51	91	310398	20.232	ug/l	99
83) tert-Butylbenzene	11.76	119	316502	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	337056	20.634	ug/l	98
85) sec-Butylbenzene	11.94	105	387119	20.650	ug/l	100
86) p-Isopropyltoluene	12.06	119	356284	20.565	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187409	19.783	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	186470	19.650	ug/l	98
89) n-Butylbenzene	12.39	91	296379	19.642	ug/l	99
90) Hexachloroethane	12.59	117	61730	19.183	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185726	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27895	18.532	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124022	20.445	ug/l	97
94) Hexachlorobutadiene	13.78	225	64499	20.658	ug/l	99
95) Naphthalene	13.83	128	364470	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127208	20.739	ug/l	97

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

