

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014840.D
 Acq On : 06 Feb 2020 11:57
 Operator : JC/SP
 Sample : VX0206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:37 AM

Quant Time: Feb 06 15:33:08 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	5.65	168	415897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	556042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	230178	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.48	113	189236	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	706760	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	254535	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94159	17.219	ug/l	99
3) Chloromethane	1.32	50	93942	16.697	ug/l	96
4) Vinyl Chloride	1.40	62	108853	17.893	ug/l	100
5) Bromomethane	1.63	94	67700	16.384	ug/l	99
6) Chloroethane	1.72	64	62605	17.076	ug/l	96
7) Trichlorofluoromethane	1.92	101	130960	18.488	ug/l	99
8) Diethyl Ether	2.18	74	57231	18.511	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78550	18.890	ug/l	98
10) Methyl Iodide	2.50	142	95807	17.559	ug/l	100
11) Tert butyl alcohol	3.02	59	96936	88.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73692	17.824	ug/l	97
13) Acrolein	2.28	56	62201	72.349	ug/l	99
14) Allyl chloride	2.72	41	131863	17.744	ug/l	96
15) Acrylonitrile	3.12	53	228225	90.462	ug/l	99
16) Acetone	2.43	43	249698	93.902	ug/l	100
17) Carbon Disulfide	2.56	76	177937	15.747	ug/l	98
18) Methyl Acetate	2.76	43	142515	18.757	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	262097	19.355	ug/l	98
20) Methylene Chloride	2.84	84	89594	18.190	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	80055	17.586	ug/l	99
22) Diisopropyl ether	3.84	45	282743	19.124	ug/l	95
23) Vinyl Acetate	3.80	43	1070047	94.943	ug/l	100
24) 1,1-Dichloroethane	3.69	63	152494	18.992	ug/l	98
25) 2-Butanone	4.65	43	334083	87.601	ug/l	96
26) 2,2-Dichloropropane	4.58	77	124894	19.433	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93812	18.413	ug/l	99
28) Bromochloromethane	5.00	49	58670	16.628	ug/l	94
29) Tetrahydrofuran	5.11	42	202370	89.406	ug/l	99
30) Chloroform	5.20	83	151318	19.024	ug/l	100
31) Cyclohexane	5.57	56	131963	17.474	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	129543	19.268	ug/l	98
36) 1,1-Dichloropropene	5.79	75	110952	19.477	ug/l	98
37) Ethyl Acetate	4.81	43	120107	18.409	ug/l	96
38) Carbon Tetrachloride	5.78	117	109788	20.180	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	133247	18.672	ug/l	94
40) Benzene	6.13	78	337772	19.191	ug/l	98
41) Methacrylonitrile	5.03	41	69204	18.431	ug/l	97
42) 1,2-Dichloroethane	6.18	62	125949	20.722	ug/l	100
43) Isopropyl Acetate	6.43	43	202568	18.960	ug/l	99
44) Trichloroethene	7.20	130	96552	19.421	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90538	19.967	ug/l	99
46) Dibromomethane	7.65	93	57749	19.664	ug/l	97
47) Bromodichloromethane	7.89	83	116200	20.174	ug/l	97
48) Methyl methacrylate	7.76	41	97766	19.152	ug/l	97
49) 1,4-Dioxane	7.73	88	42322	391.115	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	633808	93.992	ug/l	100
52) Toluene	8.78	92	214984	19.870	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124806	20.123	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138143	20.247	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90114	20.343	ug/l	98
56) Ethyl methacrylate	9.17	69	133738	18.957	ug/l	99
57) 1,3-Dichloropropane	9.36	76	149442	19.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	214907	96.469	ug/l	99
59) 2-Hexanone	9.48	43	495574	94.709	ug/l	99
60) Dibromochloromethane	9.57	129	92695	20.048	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93277	19.916	ug/l	98
64) Tetrachloroethene	9.33	164	100073	18.182	ug/l	99
65) Chlorobenzene	10.14	112	235712	19.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89261	20.355	ug/l	99
67) Ethyl Benzene	10.25	91	407002	20.042	ug/l	99
68) m/p-Xylenes	10.36	106	311621	40.504	ug/l	100
69) o-Xylene	10.70	106	152728	20.563	ug/l	97
70) Styrene	10.71	104	255881	20.538	ug/l	99
71) Bromoform	10.85	173	69703	19.988	ug/l #	99
73) Isopropylbenzene	11.01	105	406636	20.418	ug/l	100
74) N-amyl acetate	10.89	43	170576	19.546	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	132273	18.602	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	110008m	16.694	ug/l	
77) Bromobenzene	11.25	156	109781	20.519	ug/l	93
78) n-propylbenzene	11.35	91	455135	20.134	ug/l	98
79) 2-Chlorotoluene	11.42	91	271045	19.817	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337626	20.426	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41091	17.746	ug/l	96
82) 4-Chlorotoluene	11.51	91	312241	20.052	ug/l	99
83) tert-Butylbenzene	11.76	119	323609	20.835	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	339339	20.468	ug/l	100
85) sec-Butylbenzene	11.94	105	392530	20.630	ug/l	100
86) p-Isopropyltoluene	12.06	119	365542	20.788	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187891	19.541	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	188295	19.550	ug/l	98
89) n-Butylbenzene	12.39	91	304475	19.881	ug/l	100
90) Hexachloroethane	12.59	117	62629	19.175	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188468	19.735	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27506	18.005	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	127689	20.739	ug/l	99
94) Hexachlorobutadiene	13.78	225	65486	20.665	ug/l	98
95) Naphthalene	13.83	128	369945	19.218	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128481	20.638	ug/l	97

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

