

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016221.D
 Acq On : 14 May 2020 11:29
 Operator : JC/SP
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:28:58 PM

Quant Time: May 15 01:53:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167170	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.46	113	133304	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	520828	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	195584	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	54130	18.725	ug/l	99
3) Chloromethane	1.31	50	60087	17.898	ug/l	99
4) Vinyl Chloride	1.39	62	61818	17.259	ug/l	98
5) Bromomethane	1.63	94	38803	21.489	ug/l	98
6) Chloroethane	1.71	64	37942	17.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	83633	17.786	ug/l	99
8) Diethyl Ether	2.17	74	34105	17.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48411	17.844	ug/l	98
10) Methyl Iodide	2.49	142	49567	13.602	ug/l	99
11) Tert butyl alcohol	3.01	59	73529	80.909	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49231	17.341	ug/l	98
13) Acrolein	2.27	56	37623	66.157	ug/l	98
14) Allyl chloride	2.70	41	89287	17.153	ug/l	95
15) Acrylonitrile	3.11	53	163626	86.791	ug/l	99
16) Acetone	2.42	43	126407	78.830	ug/l	96
17) Carbon Disulfide	2.55	76	141340	16.439	ug/l	99
18) Methyl Acetate	2.75	43	70809	17.959	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	179590	18.350	ug/l	97
20) Methylene Chloride	2.84	84	58177	17.599	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	54675	17.282	ug/l	98
22) Diisopropyl ether	3.82	45	176147	17.937	ug/l	92
23) Vinyl Acetate	3.78	43	760481	88.020	ug/l	100
24) 1,1-Dichloroethane	3.67	63	100312	18.260	ug/l	98
25) 2-Butanone	4.63	43	221283	85.637	ug/l	99
26) 2,2-Dichloropropane	4.54	77	90706	18.080	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62909	18.189	ug/l	98
28) Bromochloromethane	4.98	49	45307	18.087	ug/l	99
29) Tetrahydrofuran	5.09	42	147613	86.216	ug/l	99
30) Chloroform	5.18	83	100578	18.388	ug/l	96
31) Cyclohexane	5.55	56	88861	17.799	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	90524	18.207	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75507	18.104	ug/l	99
37) Ethyl Acetate	4.79	43	85980	17.787	ug/l	99
38) Carbon Tetrachloride	5.76	117	80774	19.054	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	88541	17.628	ug/l	99
40) Benzene	6.11	78	229554	18.811	ug/l	98
41) Methacrylonitrile	5.00	41	46230	17.709	ug/l	98
42) 1,2-Dichloroethane	6.17	62	80018	18.202	ug/l	98
43) Isopropyl Acetate	6.41	43	137514	17.830	ug/l	98
44) Trichloroethene	7.19	130	76953	17.750	ug/l	100
45) 1,2-Dichloropropane	7.49	63	59771	19.357	ug/l	99
46) Dibromomethane	7.64	93	39469	18.809	ug/l	100
47) Bromodichloromethane	7.88	83	80657	18.873	ug/l	96
48) Methyl methacrylate	7.74	41	63761	17.447	ug/l	96
49) 1,4-Dioxane	7.71	88	29325	334.566	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	429685	91.040	ug/l	98
52) Toluene	8.76	92	145721	19.158	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	93244	18.299	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99971	18.783	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	58261	19.468	ug/l	99
56) Ethyl methacrylate	9.16	69	89916	18.407	ug/l	97
57) 1,3-Dichloropropane	9.35	76	99837	19.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	238321	91.640	ug/l	100
59) 2-Hexanone	9.47	43	330511	89.170	ug/l	98
60) Dibromochloromethane	9.57	129	63706	19.328	ug/l	99
61) 1,2-Dibromoethane	9.65	107	61864	19.084	ug/l	100
64) Tetrachloroethene	9.32	164	90329	18.727	ug/l	99
65) Chlorobenzene	10.12	112	155628	18.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	58227	19.149	ug/l	99
67) Ethyl Benzene	10.23	91	274712	18.715	ug/l	98
68) m/p-Xylenes	10.34	106	206456	37.540	ug/l	98
69) o-Xylene	10.68	106	100862	19.079	ug/l	97
70) Styrene	10.70	104	168264	18.762	ug/l	99
71) Bromoform	10.84	173	46514	18.775	ug/l	97
73) Isopropylbenzene	11.00	105	270002	18.662	ug/l	99
74) N-amyl acetate	10.88	43	115202	17.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	55425	21.815	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	82824m	18.349	ug/l	
77) Bromobenzene	11.24	156	66673	17.854	ug/l	98
78) n-propylbenzene	11.34	91	305744	18.166	ug/l	100
79) 2-Chlorotoluene	11.40	91	183794	18.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225498	18.460	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	33783	17.836	ug/l	96
82) 4-Chlorotoluene	11.49	91	215234	18.346	ug/l	99
83) tert-Butylbenzene	11.76	119	194964	18.520	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226310	18.325	ug/l	99
85) sec-Butylbenzene	11.93	105	254885	17.932	ug/l	99
86) p-Isopropyltoluene	12.05	119	237640	18.008	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	122005	18.196	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	125228	18.401	ug/l	99
89) n-Butylbenzene	12.37	91	202719	16.815	ug/l	100
90) Hexachloroethane	12.58	117	40156	17.718	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118729	18.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19931	16.754	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	82388	17.236	ug/l	97
94) Hexachlorobutadiene	13.77	225	33520	16.638	ug/l	97
95) Naphthalene	13.82	128	268463	17.345	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	79006	16.912	ug/l	98

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

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