

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015285.D
 Acq On : 16 Mar 2020 11:49
 Operator : JC/SP
 Sample : VX0316WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:21 PM

Quant Time: Mar 17 08:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	303717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	469886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	229398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	163302	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.48	113	136298	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.71	98	528065	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.13	95	192961	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	43682	16.425	ug/l	99
3) Chloromethane	1.32	50	60547	16.072	ug/l	97
4) Vinyl Chloride	1.40	62	61321	16.052	ug/l	99
5) Bromomethane	1.64	94	38540	16.410	ug/l	100
6) Chloroethane	1.72	64	38517	16.808	ug/l	98
7) Trichlorofluoromethane	1.92	101	78199	17.204	ug/l	100
8) Diethyl Ether	2.18	74	36162	17.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51462	17.995	ug/l	98
10) Methyl Iodide	2.50	142	51265	15.867	ug/l	99
11) Tert butyl alcohol	3.03	59	59212	94.716	ug/l	97
12) 1,1-Dichloroethene	2.37	96	49142	16.650	ug/l	97
13) Acrolein	2.28	56	47594	81.011	ug/l	99
14) Allyl chloride	2.72	41	97374	18.921	ug/l	93
15) Acrylonitrile	3.13	53	153498	98.593	ug/l	98
16) Acetone	2.43	43	125438	85.962	ug/l	100
17) Carbon Disulfide	2.56	76	129001	15.739	ug/l	99
18) Methyl Acetate	2.76	43	69917	19.595	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	176730	19.162	ug/l	97
20) Methylene Chloride	2.85	84	60260	17.646	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	54440	17.274	ug/l	97
22) Diisopropyl ether	3.84	45	207693	20.257	ug/l	96
23) Vinyl Acetate	3.80	43	834506	99.014	ug/l	98
24) 1,1-Dichloroethane	3.69	63	104183	18.308	ug/l	98
25) 2-Butanone	4.65	43	209072	97.866	ug/l	97
26) 2,2-Dichloropropane	4.57	77	81502	18.042	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	66274	18.745	ug/l	99
28) Bromochloromethane	5.00	49	51638	19.928	ug/l	96
29) Tetrahydrofuran	5.11	42	133677	97.072	ug/l	97
30) Chloroform	5.20	83	103335	18.631	ug/l	97
31) Cyclohexane	5.56	56	95138	18.744	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	83961	18.262	ug/l	99
36) 1,1-Dichloropropene	5.79	75	77353	17.807	ug/l	99
37) Ethyl Acetate	4.81	43	83205	20.649	ug/l	99
38) Carbon Tetrachloride	5.77	117	70500	17.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	97182	19.159	ug/l	98
40) Benzene	6.13	78	245430	19.044	ug/l	97
41) Methacrylonitrile	5.03	41	46727	19.306	ug/l	99
42) 1,2-Dichloroethane	6.18	62	84760	19.151	ug/l	99
43) Isopropyl Acetate	6.43	43	140028	19.754	ug/l	98
44) Trichloroethene	7.20	130	67524	18.813	ug/l	93
45) 1,2-Dichloropropane	7.50	63	67542	20.247	ug/l	96
46) Dibromomethane	7.65	93	42001	19.323	ug/l	98
47) Bromodichloromethane	7.89	83	82084	19.097	ug/l	99
48) Methyl methacrylate	7.76	41	68029	18.856	ug/l	98
49) 1,4-Dioxane	7.74	88	29542	378.720	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	424242	101.223	ug/l	100
52) Toluene	8.78	92	153041	19.421	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	89923	19.655	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	101194	19.565	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	64659	19.936	ug/l	98
56) Ethyl methacrylate	9.17	69	92224	19.935	ug/l	96
57) 1,3-Dichloropropane	9.36	76	110006	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	243189	96.493	ug/l	98
59) 2-Hexanone	9.48	43	316885	102.010	ug/l	100
60) Dibromochloromethane	9.57	129	65154	19.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65274	19.161	ug/l	99
64) Tetrachloroethene	9.33	164	67542	19.369	ug/l	95
65) Chlorobenzene	10.13	112	165047	19.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	61050	19.121	ug/l	99
67) Ethyl Benzene	10.25	91	284712	19.801	ug/l	98
68) m/p-Xylenes	10.35	106	222378	40.650	ug/l	100
69) o-Xylene	10.70	106	104317	19.917	ug/l	99
70) Styrene	10.71	104	181865	20.251	ug/l	99
71) Bromoform	10.85	173	48363	19.533	ug/l #	99
73) Isopropylbenzene	11.01	105	282649	19.288	ug/l	99
74) N-amyl acetate	10.89	43	117872	19.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	90027	18.434	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	76686m	16.759	ug/l	
77) Bromobenzene	11.25	156	76234	18.667	ug/l	99
78) n-propylbenzene	11.35	91	324160	19.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	189370	18.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	239481	19.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	28616	17.748	ug/l	99
82) 4-Chlorotoluene	11.51	91	224489	19.005	ug/l	99
83) tert-Butylbenzene	11.76	119	224201	19.007	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	238028	19.423	ug/l	100
85) sec-Butylbenzene	11.94	105	277086	19.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	259235	19.760	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136351	18.992	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	140046	18.894	ug/l	98
89) n-Butylbenzene	12.38	91	231176	19.813	ug/l	99
90) Hexachloroethane	12.59	117	44945	18.122	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	135638	19.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18191	18.601	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	98055	19.791	ug/l	99
94) Hexachlorobutadiene	13.77	225	49697	19.547	ug/l	99
95) Naphthalene	13.83	128	275873	19.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97765	19.777	ug/l	98

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

