

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016076.D
 Acq On : 06 May 2020 12:19
 Operator : JC/SP
 Sample : VX0506WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:27:24 PM

Quant Time: May 07 07:24:37 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	294052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187959	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.46	113	142478	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.70	98	561135	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.12	95	212928	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	57870	18.593	ug/l	98
3) Chloromethane	1.31	50	63768	17.642	ug/l	98
4) Vinyl Chloride	1.39	62	67319	17.456	ug/l	100
5) Bromomethane	1.63	94	44090	22.678	ug/l	97
6) Chloroethane	1.71	64	42256	18.009	ug/l	98
7) Trichlorofluoromethane	1.92	101	90427	17.861	ug/l	99
8) Diethyl Ether	2.17	74	38985	18.275	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54966	18.818	ug/l	99
10) Methyl Iodide	2.49	142	65095	16.591	ug/l	100
11) Tert butyl alcohol	3.01	59	87465	89.389	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53357	17.456	ug/l	97
13) Acrolein	2.27	56	44085	71.999	ug/l	99
14) Allyl chloride	2.71	41	101173	18.052	ug/l	98
15) Acrylonitrile	3.11	53	184053	90.673	ug/l	98
16) Acetone	2.42	43	154861	89.696	ug/l	97
17) Carbon Disulfide	2.55	76	164052	17.738	ug/l	99
18) Methyl Acetate	2.75	43	77548	18.268	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	196770	18.674	ug/l	100
20) Methylene Chloride	2.83	84	62285	17.500	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	59223	17.386	ug/l	97
22) Diisopropyl ether	3.82	45	196213	18.557	ug/l	92
23) Vinyl Acetate	3.78	43	871066	93.639	ug/l	100
24) 1,1-Dichloroethane	3.67	63	107925	18.247	ug/l	99
25) 2-Butanone	4.63	43	253929	91.273	ug/l	100
26) 2,2-Dichloropropane	4.56	77	96801	17.921	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	67391	18.097	ug/l	100
28) Bromochloromethane	4.98	49	50472	18.714	ug/l	100
29) Tetrahydrofuran	5.09	42	167620	90.929	ug/l	100
30) Chloroform	5.18	83	107817	18.308	ug/l	96
31) Cyclohexane	5.54	56	99514	18.513	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	97823	18.274	ug/l	100
36) 1,1-Dichloropropene	5.77	75	81747	17.699	ug/l	98
37) Ethyl Acetate	4.79	43	97907	18.290	ug/l	100
38) Carbon Tetrachloride	5.75	117	85023	18.111	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	102564	18.440	ug/l	98
40) Benzene	6.11	78	246118	18.212	ug/l	99
41) Methacrylonitrile	5.00	41	53066	18.356	ug/l	99
42) 1,2-Dichloroethane	6.16	62	90373	18.564	ug/l	100
43) Isopropyl Acetate	6.41	43	157359	18.424	ug/l	99
44) Trichloroethene	7.19	130	88037	18.337	ug/l	98
45) 1,2-Dichloropropane	7.49	63	64431	18.842	ug/l	99
46) Dibromomethane	7.64	93	42888	18.456	ug/l	100
47) Bromodichloromethane	7.87	83	88257	18.648	ug/l	98
48) Methyl methacrylate	7.74	41	72536	17.923	ug/l	99
49) 1,4-Dioxane	7.71	88	34966	360.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	486718	93.122	ug/l	100
52) Toluene	8.76	92	156584	18.589	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103134	18.277	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	107787	18.287	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62467	18.849	ug/l	99
56) Ethyl methacrylate	9.16	69	100789	18.631	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108581	18.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	264055	91.687	ug/l	100
59) 2-Hexanone	9.47	43	375111	91.387	ug/l	100
60) Dibromochloromethane	9.57	129	67113	18.387	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66158	18.430	ug/l	98
64) Tetrachloroethene	9.32	164	100099	19.103	ug/l	98
65) Chlorobenzene	10.12	112	166200	18.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61863	18.727	ug/l	98
67) Ethyl Benzene	10.23	91	293425	18.400	ug/l	97
68) m/p-Xylenes	10.34	106	225225	37.696	ug/l	100
69) o-Xylene	10.68	106	106747	18.587	ug/l	99
70) Styrene	10.70	104	179767	18.450	ug/l	99
71) Bromoform	10.84	173	49987	18.573	ug/l #	99
73) Isopropylbenzene	11.00	105	288402	18.144	ug/l	99
74) N-amyl acetate	10.88	43	131624	17.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	50080	18.416	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	91251m	18.401	ug/l	
77) Bromobenzene	11.24	156	71512	17.430	ug/l	98
78) n-propylbenzene	11.34	91	330420	17.869	ug/l	100
79) 2-Chlorotoluene	11.40	91	196600	18.012	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	243685	18.157	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	37264	17.907	ug/l	99
82) 4-Chlorotoluene	11.49	91	231742	17.979	ug/l	100
83) tert-Butylbenzene	11.76	119	208267	18.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	243601	17.954	ug/l	100
85) sec-Butylbenzene	11.93	105	278060	17.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	259946	17.929	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	128791	17.483	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	130675	17.477	ug/l	97
89) n-Butylbenzene	12.37	91	231710	17.494	ug/l	98
90) Hexachloroethane	12.58	117	43327	17.400	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	127270	17.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21165	16.193	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	93463	17.797	ug/l	96
94) Hexachlorobutadiene	13.77	225	42108	18.949	ug/l	98
95) Naphthalene	13.82	128	301622	17.737	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	92390	18.001	ug/l	99

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

