

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016503.D
 Acq On : 29 May 2020 12:09
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:07 PM

Quant Time: May 30 01:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185180	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.46	113	142946	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
50) Toluene-d8	8.70	98	572258	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.12	95	210854	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	56280	17.91	ug/l	96
3) Chloromethane	1.32	50	68586	18.06	ug/l	98
4) Vinyl Chloride	1.39	62	70610	17.59	ug/l	97
5) Bromomethane	1.63	94	45139	23.12	ug/l	100
6) Chloroethane	1.72	64	43066	18.39	ug/l	99
7) Trichlorofluoromethane	1.92	101	94244	17.87	ug/l	100
8) Diethyl Ether	2.17	74	38386	17.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52661	18.15	ug/l	99
10) Methyl Iodide	2.50	142	52752	17.34	ug/l	100
11) Tert butyl alcohol	3.01	59	82021	80.68	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53834	17.53	ug/l	95
13) Acrolein	2.27	56	38017	87.91	ug/l	94
14) Allyl chloride	2.71	41	98040	17.35	ug/l	99
15) Acrylonitrile	3.11	53	180005	86.43	ug/l	99
16) Acetone	2.42	43	151737	87.36	ug/l	99
17) Carbon Disulfide	2.55	76	158748	17.40	ug/l	99
18) Methyl Acetate	2.75	43	78122	17.54	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	197545	17.91	ug/l	100
20) Methylene Chloride	2.84	84	62799	17.47	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	60698	17.86	ug/l	98
22) Diisopropyl ether	3.82	45	195453	18.01	ug/l	98
23) Vinyl Acetate	3.78	43	849230	89.40	ug/l	99
24) 1,1-Dichloroethane	3.67	63	109217	17.83	ug/l	99
25) 2-Butanone	4.63	43	248380	84.39	ug/l	99
26) 2,2-Dichloropropane	4.55	77	99078	19.77	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	69601	17.71	ug/l	99
28) Bromochloromethane	4.98	49	51467	18.08	ug/l	98
29) Tetrahydrofuran	5.09	42	165755	87.17	ug/l	100
30) Chloroform	5.18	83	109952	17.81	ug/l	99
31) Cyclohexane	5.55	56	97592	17.71	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	100374	17.96	ug/l	99
36) 1,1-Dichloropropene	5.77	75	82575	17.51	ug/l	99
37) Ethyl Acetate	4.79	43	94857	16.76	ug/l	97
38) Carbon Tetrachloride	5.76	117	87983	17.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96123	18.77	ug/l	97
40) Benzene	6.11	78	251329	17.90	ug/l	100
41) Methacrylonitrile	5.00	41	51148	16.45	ug/l	97
42) 1,2-Dichloroethane	6.16	62	89133	17.85	ug/l	99
43) Isopropyl Acetate	6.41	43	153066	17.34	ug/l	99
44) Trichloroethene	7.19	130	80226	18.01	ug/l	99
45) 1,2-Dichloropropane	7.49	63	64270	17.98	ug/l	100
46) Dibromomethane	7.63	93	42390	17.66	ug/l	99
47) Bromodichloromethane	7.88	83	87823	17.67	ug/l	94
48) Methyl methacrylate	7.74	41	71293	16.86	ug/l	99
49) 1,4-Dioxane	7.71	88	32685	330.36	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	478060	86.95	ug/l	100
52) Toluene	8.76	92	159463	18.01	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	100862	17.84	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	107684	18.00	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	61097	17.36	ug/l	98
56) Ethyl methacrylate	9.16	69	99803	17.41	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107616	17.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	265962	88.87	ug/l	100
59) 2-Hexanone	9.47	43	370407	86.64	ug/l	100
60) Dibromochloromethane	9.57	129	68012	17.17	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66184	17.56	ug/l	99
64) Tetrachloroethene	9.32	164	93151	18.52	ug/l	96
65) Chlorobenzene	10.12	112	165295	18.04	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	62121	17.76	ug/l	99
67) Ethyl Benzene	10.23	91	296315	18.16	ug/l	98
68) m/p-Xylenes	10.34	106	223637	36.97	ug/l	100
69) o-Xylene	10.68	106	106242	18.13	ug/l	99
70) Styrene	10.70	104	183009	18.17	ug/l	99
71) Bromoform	10.84	173	52076	17.61	ug/l #	100
73) Isopropylbenzene	11.00	105	281063	18.41	ug/l	100
74) N-amyl acetate	10.88	43	126038	17.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	65603	17.15	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	88231m	18.22	ug/l	
77) Bromobenzene	11.24	156	72504	18.11	ug/l	100
78) n-propylbenzene	11.34	91	310616	18.22	ug/l	99
79) 2-Chlorotoluene	11.40	91	192469	18.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	235488	18.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	34602	17.58	ug/l	99
82) 4-Chlorotoluene	11.49	91	226563	18.43	ug/l	100
83) tert-Butylbenzene	11.76	119	199294	18.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	240213	18.64	ug/l	99
85) sec-Butylbenzene	11.93	105	246265	18.03	ug/l	100
86) p-Isopropyltoluene	12.05	119	239200	18.69	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	125976	18.16	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	127991	18.04	ug/l	98
89) n-Butylbenzene	12.37	91	194088	18.21	ug/l	100
90) Hexachloroethane	12.58	117	39901	18.05	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	119276	17.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21039	16.98	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79769	17.87	ug/l	100
94) Hexachlorobutadiene	13.76	225	34264	19.56	ug/l	98
95) Naphthalene	13.82	128	267869	17.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77751	17.78	ug/l	100

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

