

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017433.D
 Acq On : 20 Jul 2020 12:17
 Operator : JC/SP
 Sample : VX0720WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD01

Quant Time: Jul 21 02:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	286314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	185890	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.46	113	152368	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.70	98	545711	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	213890	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50116	20.686	ug/l	97
3) Chloromethane	1.32	50	52313	19.180	ug/l	98
4) Vinyl Chloride	1.39	62	51664	19.147	ug/l	96
5) Bromomethane	1.63	94	34086	19.405	ug/l	92
6) Chloroethane	1.71	64	33773	19.830	ug/l	100
7) Trichlorofluoromethane	1.92	101	87173	19.141	ug/l	94
8) Diethyl Ether	2.17	74	30993	19.252	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49795	19.194	ug/l	98
10) Methyl Iodide	2.49	142	57063	18.182	ug/l	99
11) Tert butyl alcohol	3.01	59	61112	100.939	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46234	17.744	ug/l	92
13) Acrolein	2.27	56	7111	21.426	ug/l	99
14) Allyl chloride	2.70	41	90182	19.975	ug/l	98
15) Acrylonitrile	3.11	53	145334	99.023	ug/l	99
16) Acetone	2.42	43	123586	96.401	ug/l	100
17) Carbon Disulfide	2.55	76	144795	19.050	ug/l	100
18) Methyl Acetate	2.75	43	65413	20.658	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	180953	20.453	ug/l	97
20) Methylene Chloride	2.83	84	60335	19.289	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	57400	19.255	ug/l	95
22) Diisopropyl ether	3.82	45	183885	21.382	ug/l	93
23) Vinyl Acetate	3.78	43	795961	105.239	ug/l	99
24) 1,1-Dichloroethane	3.67	63	101869	20.155	ug/l	98
25) 2-Butanone	4.63	43	203386	99.885	ug/l	99
26) 2,2-Dichloropropane	4.55	77	88840	18.887	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	65840	20.140	ug/l	97
28) Bromochloromethane	4.98	49	48912	20.949	ug/l	98
29) Tetrahydrofuran	5.09	42	130371	98.911	ug/l	98
30) Chloroform	5.17	83	106391	19.565	ug/l	100
31) Cyclohexane	5.55	56	82558	19.953	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	97116	19.319	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75671	18.934	ug/l	99
37) Ethyl Acetate	4.79	43	79117	19.143	ug/l	98
38) Carbon Tetrachloride	5.75	117	88097	18.827	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82796	19.078	ug/l	98
40) Benzene	6.11	78	224372	19.535	ug/l	98
41) Methacrylonitrile	5.00	41	43968	19.816	ug/l	99
42) 1,2-Dichloroethane	6.16	62	89793	20.122	ug/l	100
43) Isopropyl Acetate	6.41	43	130464	19.755	ug/l	99
44) Trichloroethene	7.18	130	66430	18.935	ug/l	99
45) 1,2-Dichloropropane	7.49	63	59157	20.129	ug/l	98
46) Dibromomethane	7.63	93	41972	19.803	ug/l	97
47) Bromodichloromethane	7.87	83	87235	19.686	ug/l	97
48) Methyl methacrylate	7.74	41	61247	19.326	ug/l	100
49) 1,4-Dioxane	7.71	88	27121	418.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	403155	100.115	ug/l	99
52) Toluene	8.76	92	143216	19.431	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	92822	19.444	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	101145	19.865	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62648	20.384	ug/l	99
56) Ethyl methacrylate	9.16	69	83713	19.185	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101311	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	230636	104.099	ug/l	97
59) 2-Hexanone	9.47	43	298346	98.161	ug/l	98
60) Dibromochloromethane	9.56	129	72306	19.258	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65634	19.631	ug/l	98
64) Tetrachloroethene	9.32	164	62657	17.765	ug/l	94
65) Chlorobenzene	10.12	112	162545	19.628	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	64177	19.465	ug/l	99
67) Ethyl Benzene	10.23	91	269878	19.576	ug/l	98
68) m/p-Xylenes	10.34	106	210648	40.159	ug/l	99
69) o-Xylene	10.68	106	97470	19.447	ug/l	98
70) Styrene	10.70	104	175967	20.453	ug/l	99
71) Bromoform	10.84	173	54341	19.532	ug/l	99
73) Isopropylbenzene	11.00	105	272049	19.592	ug/l	99
74) N-amyl acetate	10.88	43	110815	19.943	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	88312	20.946	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86744m	21.192	ug/l	
77) Bromobenzene	11.24	156	76079	19.237	ug/l	95
78) n-propylbenzene	11.34	91	311565	19.978	ug/l	99
79) 2-Chlorotoluene	11.40	91	190720	19.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	233188	19.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30713	19.035	ug/l	99
82) 4-Chlorotoluene	11.49	91	225863	19.831	ug/l	98
83) tert-Butylbenzene	11.76	119	227538	19.969	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	238375	20.018	ug/l	100
85) sec-Butylbenzene	11.93	105	261225	19.582	ug/l	100
86) p-Isopropyltoluene	12.05	119	249535	19.769	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136586	19.305	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138628	19.394	ug/l	99
89) n-Butylbenzene	12.37	91	208532	19.372	ug/l	99
90) Hexachloroethane	12.58	117	46371	19.351	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	129613	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19859	17.851	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84574	18.325	ug/l	98
94) Hexachlorobutadiene	13.77	225	32707	17.377	ug/l	94
95) Naphthalene	13.82	128	258089	19.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	84704	18.999	ug/l	97

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

