

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022421\
 Data File : VX020900.D
 Acq On : 24 Feb 2021 13:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 24 18:00:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.635	168	156147	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	288807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	270291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	118665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	101193	47.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.96%
35) Dibromofluoromethane	5.464	113	87537	49.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.78%
50) Toluene-d8	8.694	98	351201	51.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.66%
62) 4-Bromofluorobenzene	11.118	95	134199	53.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.10%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	595	0.35	ug/l	92
3) Chloromethane	1.317	50	802	0.43	ug/l #	81
4) Vinyl Chloride	1.393	62	648	0.30	ug/l	96
5) Bromomethane	1.640	94	1512	Below Cal	#	80
6) Chloroethane	1.729	64	290	0.21	ug/l #	77
7) Trichlorofluoromethane	1.917	101	703	0.26	ug/l	94
8) Diethyl Ether	2.176	74	385	0.30	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.364	101	777	0.46	ug/l	94
10) Methyl Iodide	2.493	142	1970	0.87	ug/l	95
11) Tert butyl alcohol	2.999	59	523	1.11	ug/l	99
12) 1,1-Dichloroethene	2.352	96	749	0.43	ug/l #	83
13) Acrolein	2.270	56	744	2.56	ug/l	91
14) Allyl chloride	2.705	41	689	0.24	ug/l #	76
15) Acrylonitrile	3.123	53	1590	1.59	ug/l	96
16) Acetone	2.423	43	935	1.08	ug/l	95
17) Carbon Disulfide	2.552	76	8916	1.79	ug/l	99
18) Methyl Acetate	2.758	43	830	0.40	ug/l #	85
20) Methylene Chloride	2.835	84	773	0.37	ug/l #	85
21) trans-1,2-Dichloroethene	3.146	96	1427	0.73	ug/l	86
23) Vinyl Acetate	3.794	43	2383	0.49	ug/l #	88
25) 2-Butanone	4.652	43	742	0.56	ug/l	91
27) cis-1,2-Dichloroethene	4.564	96	912	0.40	ug/l	71
28) Bromochloromethane	4.988	49	410	0.28	ug/l #	83
29) Tetrahydrofuran	5.100	42	912	1.08	ug/l #	54
31) Cyclohexane	5.547	56	1271	0.42	ug/l #	67
36) 1,1-Dichloropropene	5.770	75	1455	0.53	ug/l	96
38) Carbon Tetrachloride	5.753	117	614	0.23	ug/l #	55
39) Methylcyclohexane	7.441	83	1581	0.46	ug/l	97
42) 1,2-Dichloroethane	6.170	62	724	0.26	ug/l	79
44) Trichloroethene	7.194	130	992	0.46	ug/l	96
46) Dibromomethane	7.635	93	425	0.31	ug/l	96
49) 1,4-Dioxane	7.723	88	114	2.19	ug/l #	63
51) 4-Methyl-2-Pentanone	8.624	43	606	0.23	ug/l #	85
52) Toluene	8.759	92	1058	0.21	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	1083	0.33	ug/l	97
54) cis-1,3-Dichloropropene	8.418	75	858	0.24	ug/l #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.288	63	976	0.61	ug/l	98
59) 2-Hexanone	9.471	43	922	0.48	ug/l	86
61) 1,2-Dibromoethane	9.653	107	441	0.21	ug/l	90
64) Tetrachloroethene	9.318	164	788	0.40	ug/l	89
65) Chlorobenzene	10.118	112	1468	0.26	ug/l	97
67) Ethyl Benzene	10.236	91	2349	0.23	ug/l	96
68) m/p-Xylenes	10.341	106	1865	0.49	ug/l	80
70) Styrene	10.694	104	1584	0.25	ug/l	97
73) Isopropylbenzene	11.000	105	2234	0.24	ug/l	100
76) 1,2,3-Trichloropropane	11.118	75	62159	24.35	ug/l #	39
77) Bromobenzene	11.236	156	681	0.31	ug/l	93
78) n-propylbenzene	11.342	91	3955	0.37	ug/l	97
79) 2-Chlorotoluene	11.406	91	1960	0.30	ug/l	93
80) 1,3,5-Trimethylbenzene	11.489	105	2296	0.29	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.118	75	62159	53.91	ug/l #	12
82) 4-Chlorotoluene	11.495	91	3150	0.42	ug/l	99
83) tert-Butylbenzene	11.753	119	1860	0.25	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	2377	0.30	ug/l	96
85) sec-Butylbenzene	11.930	105	3388	0.38	ug/l	99
86) p-Isopropyltoluene	12.048	119	3244	0.40	ug/l	85
87) 1,3-Dichlorobenzene	12.012	146	2021	0.52	ug/l	95
88) 1,4-Dichlorobenzene	12.012	146	2021	0.51	ug/l	94
89) n-Butylbenzene	12.371	91	4328	0.59	ug/l	98
90) Hexachloroethane	12.577	117	362	0.23	ug/l	56
91) 1,2-Dichlorobenzene	12.377	146	1342	0.35	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.983	75	142	0.21	ug/l	71
93) 1,2,4-Trichlorobenzene	13.630	180	2327	0.95	ug/l	90
94) Hexachlorobutadiene	13.765	225	1697	1.73	ug/l	96
95) Naphthalene	13.818	128	7061	0.81	ug/l	98
96) 1,2,3-Trichlorobenzene	14.001	180	2302	0.95	ug/l	99

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

