

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023759.D
 Acq On : 17 Aug 2021 11:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 17 14:10:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	155904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	108239	49.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.397	113	84132	48.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.653	98	318044	48.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.740%
62) 4-Bromofluorobenzene	11.085	95	110894	45.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1088	0.661	ug/l	83
3) Chloromethane	1.294	50	1000	0.554	ug/l	99
4) Vinyl Chloride	1.374	62	855	0.485	ug/l #	79
5) Bromomethane	1.617	94	2505	2.262	ug/l	95
6) Chloroethane	1.691	64	297	2.410	ug/l #	1
7) Trichlorofluoromethane	1.892	101	1291	0.464	ug/l #	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	1127	0.720	ug/l	94
10) Methyl Iodide	2.459	142	2697	1.238	ug/l	94
11) Tert butyl alcohol	2.971	59	311	0.707	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	881	0.589	ug/l	90
13) Acrolein	2.245	56	465	1.776	ug/l #	81
14) Allyl chloride	2.666	41	952	0.345	ug/l #	33
15) Acrylonitrile	3.081	53	1659	1.692	ug/l	97
16) Acetone	2.392	43	1271	1.306	ug/l	95
17) Carbon Disulfide	2.514	76	8466	2.372	ug/l	98
18) Methyl Acetate	2.715	43	721	0.297	ug/l #	71
20) Methylene Chloride	2.794	84	1378	0.741	ug/l #	91
21) trans-1,2-Dichloroethene	3.099	96	1646	1.030	ug/l	89
23) Vinyl Acetate	3.745	43	2479	0.558	ug/l	97
25) 2-Butanone	4.586	43	499	0.339	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	878	0.462	ug/l	67
28) Bromochloromethane	4.910	49	529	0.381	ug/l #	99
29) Tetrahydrofuran	5.025	42	478	0.501	ug/l #	81
30) Chloroform	5.111	83	714	0.221	ug/l #	83
31) Cyclohexane	5.477	56	1245	0.445	ug/l #	91
36) 1,1-Dichloropropene	5.702	75	1559	0.645	ug/l #	88
38) Carbon Tetrachloride	5.672	117	621	0.246	ug/l #	54
39) Methylcyclohexane	7.385	83	1780	0.605	ug/l	96
40) Benzene	6.043	78	1722	0.241	ug/l	93
42) 1,2-Dichloroethane	6.098	62	809	0.288	ug/l #	73
44) Trichloroethene	7.129	130	1249	0.633	ug/l	97
46) Dibromomethane	7.592	93	518	0.392	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	858	0.286	ug/l #	82
52) Toluene	8.732	92	1414	0.305	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	803	2.386	ug/l #	68
54) cis-1,3-Dichloropropene	8.372	75	678	0.234	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.128	69	212	0.824	ug/l #	32
58) 2-Chloroethyl Vinyl ether	8.257	63	890	0.580	ug/l #	73
59) 2-Hexanone	9.439	43	1041	0.451	ug/l	76
60) Dibromochloromethane	9.518	129	122	1.744	ug/l #	4
61) 1,2-Dibromoethane	9.616	107	633	0.314	ug/l	92
64) Tetrachloroethene	9.281	164	1316	0.692	ug/l #	81
65) Chlorobenzene	10.085	112	2215	0.446	ug/l #	78
67) Ethyl Benzene	10.201	91	3380	0.390	ug/l	96
68) m/p-Xylenes	10.305	106	2491	0.754	ug/l	92
69) o-Xylene	10.646	106	970	0.299	ug/l	87
70) Styrene	10.659	104	1819	0.344	ug/l	97
71) Bromoform	10.799	173	21	1.945	ug/l #	29
73) Isopropylbenzene	10.963	105	3405	0.453	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	58397	25.388	ug/l #	39
77) Bromobenzene	11.201	156	948	0.512	ug/l	88
78) n-propylbenzene	11.311	91	5261	0.612	ug/l	97
79) 2-Chlorotoluene	11.366	91	2711	0.521	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	2935	0.475	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	58397	74.679	ug/l #	12
82) 4-Chlorotoluene	11.457	91	4008	0.679	ug/l	98
83) tert-Butylbenzene	11.719	119	2931	0.488	ug/l	75
84) 1,2,4-Trimethylbenzene	11.756	105	2955	0.479	ug/l	82
85) sec-Butylbenzene	11.890	105	5146	0.677	ug/l	96
86) p-Isopropyltoluene	12.012	119	4052	0.648	ug/l #	79
87) 1,3-Dichlorobenzene	11.969	146	2628	0.784	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	2628	0.786	ug/l	94
89) n-Butylbenzene	12.335	91	4562	0.817	ug/l	97
90) Hexachloroethane	12.536	117	298	1.731	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	1958	0.603	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2253	1.153	ug/l	94
94) Hexachlorobutadiene	13.731	225	1517	1.742	ug/l	98
95) Naphthalene	13.780	128	4765	1.926	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	1943	0.998	ug/l	98

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

