

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036160.D
 Acq On : 14 Jun 2023 17:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 15 08:41:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 02:06:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	272038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	194849	41.667	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.340%
35) Dibromofluoromethane	5.385	113	139950	44.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.360%
50) Toluene-d8	8.647	98	525918	46.383	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.760%
62) 4-Bromofluorobenzene	11.079	95	212683	44.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	1586	0.536	ug/l	97
3) Chloromethane	1.294	50	930	0.292	ug/l	92
4) Vinyl Chloride	1.374	62	1182	0.394	ug/l	99
5) Bromomethane	1.617	94	747	0.387	ug/l	99
6) Chloroethane	1.691	64	499	0.264	ug/l #	83
7) Trichlorofluoromethane	1.892	101	1689	0.394	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	1545	0.593	ug/l	98
10) Methyl Iodide	2.446	142	963	0.331	ug/l #	83
11) Tert butyl alcohol	2.989	59	177	0.234	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	1097	0.424	ug/l #	73
13) Acrolein	2.239	56	1404	1.600	ug/l	95
14) Allyl chloride	2.666	41	1180	0.224	ug/l #	72
15) Acrylonitrile	3.068	53	3043	1.692	ug/l	97
16) Acetone	2.386	43	2101	1.193	ug/l #	85
17) Carbon Disulfide	2.514	76	12615	1.914	ug/l #	88
18) Methyl Acetate	2.715	43	1716	0.232	ug/l	99
20) Methylene Chloride	2.788	84	1830	0.562	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	2501	0.847	ug/l	95
23) Vinyl Acetate	3.727	43	4040	0.533	ug/l #	73
25) 2-Butanone	4.586	43	2010	0.782	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	1178	0.346	ug/l	95
28) Bromochloromethane	4.909	49	928	0.313	ug/l #	91
29) Tetrahydrofuran	5.019	42	1103	0.667	ug/l #	79
31) Cyclohexane	5.470	56	1618	0.354	ug/l #	84
36) 1,1-Dichloropropene	5.696	75	3094	0.768	ug/l #	81
38) Carbon Tetrachloride	5.678	117	978	0.252	ug/l #	57
39) Methylcyclohexane	7.385	83	2860	0.669	ug/l	97
40) Benzene	6.043	78	2376	0.206	ug/l	98
42) 1,2-Dichloroethane	6.092	62	1385	0.278	ug/l #	77
44) Trichloroethene	7.129	130	1906	0.643	ug/l	95
46) Dibromomethane	7.586	93	819	0.371	ug/l	93
49) 1,4-Dioxane	7.702	88	84	1.125	ug/l #	51
51) 4-Methyl-2-Pentanone	8.573	43	1934	0.418	ug/l	96
52) Toluene	8.720	92	2619	0.360	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	1582	0.363	ug/l #	84
54) cis-1,3-Dichloropropene	8.366	75	1197	0.253	ug/l #	82

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.250	63	1696	0.682	ug/l	99
59) 2-Hexanone	9.439	43	2472	0.721	ug/l	100
61) 1,2-Dibromoethane	9.610	107	891	0.279	ug/l	96
64) Tetrachloroethene	9.281	164	1910	0.828	ug/l #	73
65) Chlorobenzene	10.079	112	3475	0.452	ug/l	95
67) Ethyl Benzene	10.195	91	5505	0.406	ug/l	97
68) m/p-Xylenes	10.299	106	5329	1.030	ug/l	99
69) o-Xylene	10.640	106	1635	0.320	ug/l	94
70) Styrene	10.658	104	3461	0.413	ug/l	93
71) Bromoform	10.805	173	261	3.520	ug/l #	29
73) Isopropylbenzene	10.963	105	6578	0.474	ug/l	96
74) N-amyl acetate	10.841	43	1534	0.243	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	116294	25.470	ug/l #	38
77) Bromobenzene	11.195	156	1437	0.441	ug/l	90
78) n-propylbenzene	11.305	91	13261	0.821	ug/l	99
79) 2-Chlorotoluene	11.360	91	5548	0.543	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	7473	0.638	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	116294	72.809	ug/l #	5
82) 4-Chlorotoluene	11.457	91	9158	0.786	ug/l	93
83) tert-Butylbenzene	11.713	119	7430	0.669	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	7297	0.620	ug/l	99
85) sec-Butylbenzene	11.890	105	14102	1.045	ug/l	98
86) p-Isopropyltoluene	12.006	119	11347	0.993	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	5207	0.838	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	5207	0.812	ug/l	93
89) n-Butylbenzene	12.329	91	15375	1.566	ug/l	98
90) Hexachloroethane	12.536	117	1212	3.464	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	3929	0.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	369	0.340	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	6042	1.747	ug/l	93
94) Hexachlorobutadiene	13.725	225	6009	4.507	ug/l	97
95) Naphthalene	13.774	128	15835	1.298	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	5672	1.653	ug/l	99

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

