

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042792.D
 Acq On : 01 Aug 2024 12:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 01 14:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 14:23:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	53283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	46367	54.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.320%	
35) Dibromofluoromethane	5.385	113	38759	51.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	124322	45.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.440%#	
62) 4-Bromofluorobenzene	11.079	95	49696	50.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	679	0.819	ug/l	93
3) Chloromethane	1.301	50	708	1.033	ug/l #	87
4) Vinyl Chloride	1.374	62	511	0.798	ug/l	100
5) Bromomethane	1.599	94	290	1.274	ug/l	82
6) Chloroethane	1.660	64	124	0.508	ug/l #	43
7) Trichlorofluoromethane	1.874	101	599	0.678	ug/l #	74
8) Diethyl Ether	2.142	74	66	0.207	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.331	101	643	0.991	ug/l #	88
10) Methyl Iodide	2.441	142	789	1.232	ug/l #	90
11) Tert butyl alcohol	2.947	59	3968	19.783	ug/l #	80
12) 1,1-Dichloroethene	2.307	96	488	0.729	ug/l #	58
13) Acrolein	2.239	56	625	3.742	ug/l #	65
14) Allyl chloride	2.654	41	468	0.552	ug/l #	76
15) Acrylonitrile	3.081	53	951	2.651	ug/l	93
16) Acetone	2.398	43	864	2.753	ug/l	99
17) Carbon Disulfide	2.508	76	4533	3.807	ug/l #	91
18) Methyl Acetate	2.715	43	615	0.775	ug/l #	89
20) Methylene Chloride	2.788	84	1707	2.195	ug/l #	76
21) trans-1,2-Dichloroethene	3.087	96	1120	1.644	ug/l #	53
23) Vinyl Acetate	3.745	43	1713	1.075	ug/l #	91
24) 1,1-Dichloroethane	3.617	63	256	0.218	ug/l #	83
25) 2-Butanone	4.617	43	623	1.328	ug/l #	51
26) 2,2-Dichloropropane	4.477	77	202	0.208	ug/l #	54
27) cis-1,2-Dichloroethene	4.507	96	550	0.693	ug/l	67
29) Tetrahydrofuran	5.038	42	284	0.961	ug/l #	70
30) Chloroform	5.099	83	513	0.395	ug/l	86
31) Cyclohexane	5.452	56	655	0.694	ug/l #	62
32) 1,1,1-Trichloroethane	5.379	97	148	0.747	ug/l #	23
36) 1,1-Dichloropropene	5.690	75	1064	1.067	ug/l #	83
38) Carbon Tetrachloride	5.684	117	328	0.290	ug/l #	60
39) Methylcyclohexane	7.373	83	810	0.652	ug/l #	74
40) Benzene	6.056	78	958	0.310	ug/l	94
42) 1,2-Dichloroethane	6.105	62	339	0.295	ug/l #	77
44) Trichloroethene	7.129	130	571	0.712	ug/l	59
46) Dibromomethane	7.598	93	223	1.436	ug/l #	51
49) 1,4-Dioxane	7.684	88	315	18.258	ug/l #	33

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	8.580	43	1115	1.048	ug/l	95
52) Toluene	8.732	92	1170	0.591	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	526	0.484	ug/l #	85
54) cis-1,3-Dichloropropene	8.373	75	371	0.317	ug/l #	80
57) 1,3-Dichloropropane	9.324	76	281	0.217	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.263	63	475	0.894	ug/l #	65
59) 2-Hexanone	9.464	43	1183	1.448	ug/l	96
61) 1,2-Dibromoethane	9.616	107	324	0.380	ug/l	81
64) Tetrachloroethene	9.275	164	709	0.951	ug/l #	69
65) Chlorobenzene	10.086	112	1567	0.651	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	188	0.240	ug/l #	55
67) Ethyl Benzene	10.201	91	2505	0.629	ug/l #	84
68) m/p-Xylenes	10.305	106	1880	1.255	ug/l	81
69) o-Xylene	10.646	106	667	0.447	ug/l	79
70) Styrene	10.665	104	1370	0.550	ug/l #	87
73) Isopropylbenzene	10.963	105	1944	0.574	ug/l	88
74) N-amyl acetate	10.854	43	492	0.379	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	11.213	83	322	0.276	ug/l #	90
76) 1,2,3-Trichloropropane	11.079	75	26062	24.751	ug/l #	39
77) Bromobenzene	11.201	156	653	0.783	ug/l	83
78) n-propylbenzene	11.305	91	3321	0.887	ug/l	98
79) 2-Chlorotoluene	11.366	91	2148	0.883	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	2033	0.714	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	26062	78.229	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2764	1.002	ug/l	99
83) tert-Butylbenzene	11.713	119	1452	0.500	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	2263	0.788	ug/l	86
85) sec-Butylbenzene	11.890	105	2992	0.859	ug/l	98
86) p-Isopropyltoluene	12.012	119	2362	0.809	ug/l	77
87) 1,3-Dichlorobenzene	11.976	146	1916	1.258	ug/l	95
88) 1,4-Dichlorobenzene	11.976	146	1916	1.216	ug/l	96
89) n-Butylbenzene	12.335	91	2883	1.177	ug/l	95
90) Hexachloroethane	12.542	117	193	0.379	ug/l #	45
91) 1,2-Dichlorobenzene	12.341	146	1386	0.893	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	108	0.408	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	2050	2.360	ug/l	97
94) Hexachlorobutadiene	13.725	225	424	1.175	ug/l	95
95) Naphthalene	13.774	128	10335	3.093	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2243	2.496	ug/l	95

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

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