

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043028.D
 Acq On : 14 Aug 2024 13:40
 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 15 04:24:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69166	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51316	56.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.920%	
35) Dibromofluoromethane	5.385	113	48072	54.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.380%	
50) Toluene-d8	8.647	98	166860	48.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	11.079	95	63268	50.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	749	1.071	ug/l	80
3) Chloromethane	1.294	50	981	0.948	ug/l	91
4) Vinyl Chloride	1.374	62	825	0.793	ug/l	# 76
5) Bromomethane	1.599	94	1018	3.231	ug/l	# 73
6) Chloroethane	1.660	64	409	1.248	ug/l	# 67
7) Trichlorofluoromethane	1.867	101	897	0.825	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	695	0.894	ug/l	95
10) Methyl Iodide	2.447	142	826	1.377	ug/l	# 80
11) Tert butyl alcohol	2.947	59	5728	24.427	ug/l	# 89
12) 1,1-Dichloroethene	2.313	96	921	1.104	ug/l	84
13) Acrolein	2.239	56	2078	8.766	ug/l	84
14) Allyl chloride	2.654	41	892	0.570	ug/l	# 95
15) Acrylonitrile	3.081	53	2229	3.838	ug/l	# 78
16) Acetone	2.392	43	1797	3.987	ug/l	# 89
17) Carbon Disulfide	2.502	76	8694	3.634	ug/l	# 94
18) Methyl Acetate	2.715	43	1300	0.873	ug/l	# 84
20) Methylene Chloride	2.788	84	1577	1.513	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	1551	1.783	ug/l	# 74
22) Diisopropyl ether	3.776	45	782	0.245	ug/l	# 59
23) Vinyl Acetate	3.745	43	4996	1.342	ug/l	95
24) 1,1-Dichloroethane	3.611	63	443	0.275	ug/l	# 83
25) 2-Butanone	4.629	43	1435	1.816	ug/l	# 69
26) 2,2-Dichloropropane	4.465	77	426	0.332	ug/l	# 54
27) cis-1,2-Dichloroethene	4.501	96	926	0.882	ug/l	69
28) Bromochloromethane	4.916	49	326	0.447	ug/l	# 93
29) Tetrahydrofuran	5.050	42	1447	2.642	ug/l	# 61
30) Chloroform	5.105	83	596	0.385	ug/l	97
31) Cyclohexane	5.464	56	1287	0.850	ug/l	# 84
32) 1,1,1-Trichloroethane	5.379	97	408	0.316	ug/l	# 36
36) 1,1-Dichloropropene	5.690	75	1385	1.124	ug/l	# 92
38) Carbon Tetrachloride	5.660	117	335	0.269	ug/l	# 67
39) Methylcyclohexane	7.379	83	1274	0.747	ug/l	# 87
40) Benzene	6.044	78	1502	0.358	ug/l	92
42) 1,2-Dichloroethane	6.098	62	511	0.418	ug/l	# 77
44) Trichloroethene	7.135	130	1052	1.107	ug/l	77
46) Dibromomethane	7.586	93	423	0.599	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	7.824	83	476	0.347	ug/l #	75
48) Methyl methacrylate	7.684	41	51	0.445	ug/l #	1
49) 1,4-Dioxane	7.684	88	143	5.229	ug/l #	1
51) 4-Methyl-2-Pentanone	8.586	43	2074	1.165	ug/l	98
52) Toluene	8.726	92	1479	0.583	ug/l	90
53) t-1,3-Dichloropropene	8.994	75	915	0.611	ug/l	93
54) cis-1,3-Dichloropropene	8.385	75	838	0.509	ug/l #	95
55) 1,1,2-Trichloroethane	9.165	97	226	0.227	ug/l #	74
57) 1,3-Dichloropropane	9.317	76	480	0.284	ug/l #	58
58) 2-Chloroethyl Vinyl ether	8.269	63	958	1.132	ug/l #	86
59) 2-Hexanone	9.452	43	2115	1.546	ug/l	84
60) Dibromochloromethane	9.525	129	319	0.304	ug/l	79
61) 1,2-Dibromoethane	9.616	107	485	0.483	ug/l	98
64) Tetrachloroethene	9.281	164	1000	1.163	ug/l #	82
65) Chlorobenzene	10.079	112	2058	0.716	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.171	131	220	0.227	ug/l #	59
67) Ethyl Benzene	10.201	91	3024	0.605	ug/l	96
68) m/p-Xylenes	10.305	106	2450	1.275	ug/l	86
69) o-Xylene	10.646	106	960	0.497	ug/l	96
70) Styrene	10.665	104	2143	0.662	ug/l #	85
71) Bromoform	10.805	173	195	0.242	ug/l #	91
73) Isopropylbenzene	10.963	105	2805	0.667	ug/l	98
74) N-amyl acetate	10.854	43	1043	0.436	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.213	83	468	0.289	ug/l #	95
76) 1,2,3-Trichloropropane	11.079	75	30655	24.278	ug/l #	39
77) Bromobenzene	11.201	156	817	0.809	ug/l	99
78) n-propylbenzene	11.305	91	4362	0.911	ug/l	99
79) 2-Chlorotoluene	11.366	91	2631	0.883	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	2720	0.786	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	30655	52.956	ug/l #	5
82) 4-Chlorotoluene	11.457	91	3736	1.125	ug/l	97
83) tert-Butylbenzene	11.713	119	2221	0.620	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2818	0.807	ug/l	98
85) sec-Butylbenzene	11.890	105	3509	0.807	ug/l	99
86) p-Isopropyltoluene	12.012	119	3361	0.946	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	2403	1.324	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	2725	1.467	ug/l	82
89) n-Butylbenzene	12.335	91	3711	1.206	ug/l	97
90) Hexachloroethane	12.542	117	308	0.432	ug/l	66
91) 1,2-Dichlorobenzene	12.341	146	1743	0.952	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	230	0.727	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	2727	2.647	ug/l	95
94) Hexachlorobutadiene	13.725	225	565	1.470	ug/l	97
95) Naphthalene	13.780	128	14957	3.676	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2851	2.706	ug/l	96

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

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