

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044225.D
 Acq On : 11 Dec 2024 13:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 12 04:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	109076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93278	48.774	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.540%
35) Dibromofluoromethane	5.385	113	68222	48.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.647	98	251569	52.595	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.200%
62) 4-Bromofluorobenzene	11.079	95	87643	52.439	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	656	0.389	ug/l	87
3) Chloromethane	1.301	50	728	0.451	ug/l	94
4) Vinyl Chloride	1.374	62	722	0.430	ug/l #	63
5) Bromomethane	1.599	94	1283	1.076	ug/l	93
6) Chloroethane	1.685	64	502	0.480	ug/l #	41
7) Trichlorofluoromethane	1.874	101	1211	0.368	ug/l #	79
8) Diethyl Ether	2.136	74	198	0.176	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.313	101	739	0.555	ug/l	92
10) Methyl Iodide	2.447	142	1030	0.587	ug/l #	83
11) Tert butyl alcohol	2.947	59	4661	17.293	ug/l #	71
12) 1,1-Dichloroethene	2.319	96	758	0.620	ug/l	87
13) Acrolein	2.245	56	796	2.040	ug/l	94
14) Allyl chloride	2.660	41	1097	0.539	ug/l #	89
15) Acrylonitrile	3.075	53	1614	2.162	ug/l #	84
16) Acetone	2.386	43	1323	1.697	ug/l #	88
17) Carbon Disulfide	2.502	76	5755	2.476	ug/l	98
18) Methyl Acetate	2.709	43	961	0.478	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	424	0.089	ug/l #	56
20) Methylene Chloride	2.782	84	700	0.478	ug/l #	75
21) trans-1,2-Dichloroethene	3.081	96	1662	1.279	ug/l #	81
22) Diisopropyl ether	3.770	45	502	0.109	ug/l #	13
23) Vinyl Acetate	3.751	43	2996	0.804	ug/l #	73
24) 1,1-Dichloroethane	3.617	63	776	0.304	ug/l #	82
25) 2-Butanone	4.617	43	803	0.724	ug/l #	50
26) 2,2-Dichloropropane	4.477	77	365	0.176	ug/l	79
27) cis-1,2-Dichloroethene	4.489	96	647	0.392	ug/l	76
28) Bromochloromethane	4.891	49	248	0.198	ug/l #	55
29) Tetrahydrofuran	5.019	42	438	0.616	ug/l #	48
30) Chloroform	5.105	83	858	0.299	ug/l #	82
31) Cyclohexane	5.464	56	512	0.248	ug/l #	56
32) 1,1,1-Trichloroethane	5.391	97	662	0.278	ug/l #	40
36) 1,1-Dichloropropene	5.684	75	633	0.345	ug/l	89
37) Ethyl Acetate	4.727	43	180	0.079	ug/l #	71
38) Carbon Tetrachloride	5.678	117	582	0.295	ug/l #	54
39) Methylcyclohexane	7.373	83	973	0.444	ug/l #	70
40) Benzene	6.050	78	1857	0.334	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54	0.045	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	940	0.410	ug/l #	78
43) Isopropyl Acetate	6.367	43	196	0.055	ug/l #	63
44) Trichloroethene	7.129	130	1451	1.046	ug/l	72
45) 1,2-Dichloropropane	7.427	63	200	0.141	ug/l #	44
46) Dibromomethane	7.598	93	481	0.436	ug/l #	80
47) Bromodichloromethane	7.830	83	535	0.281	ug/l #	89
48) Methyl methacrylate	7.690	41	37	0.022	ug/l #	1
49) 1,4-Dioxane	7.684	88	29	1.018	ug/l #	22
51) 4-Methyl-2-Pentanone	8.580	43	1297	0.570	ug/l	98
52) Toluene	8.720	92	1682	0.481	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	955	1.478	ug/l #	72
54) cis-1,3-Dichloropropene	8.379	75	924	0.446	ug/l #	80
55) 1,1,2-Trichloroethane	9.147	97	223	0.161	ug/l #	32
57) 1,3-Dichloropropane	9.317	76	463	0.192	ug/l #	78
58) 2-Chloroethyl Vinyl ether	8.269	63	977	0.884	ug/l #	82
59) 2-Hexanone	9.464	43	1391	0.844	ug/l	91
60) Dibromochloromethane	9.531	129	228	1.389	ug/l	76
61) 1,2-Dibromoethane	9.610	107	574	0.406	ug/l	84
64) Tetrachloroethene	9.269	164	1272	1.053	ug/l #	65
65) Chlorobenzene	10.079	112	2770	0.710	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	396	0.316	ug/l #	49
67) Ethyl Benzene	10.195	91	3547	0.526	ug/l	96
68) m/p-Xylenes	10.305	106	3022	1.222	ug/l	97
69) o-Xylene	10.646	106	1101	0.440	ug/l	95
70) Styrene	10.659	104	2095	0.522	ug/l #	85
71) Bromoform	10.799	173	242	1.530	ug/l #	29
73) Isopropylbenzene	10.963	105	3119	0.515	ug/l	89
74) N-amyl acetate	10.860	43	762	0.272	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	11.213	83	503	0.239	ug/l #	87
77) Bromobenzene	11.195	156	1095	0.746	ug/l	90
78) n-propylbenzene	11.305	91	4895	0.732	ug/l	97
79) 2-Chlorotoluene	11.366	91	3333	0.770	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2940	0.586	ug/l	99
82) 4-Chlorotoluene	11.463	91	4128	0.862	ug/l	91
83) tert-Butylbenzene	11.713	119	2364	0.477	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	3222	0.654	ug/l	99
85) sec-Butylbenzene	11.890	105	3837	0.637	ug/l	95
86) p-Isopropyltoluene	12.012	119	3056	0.610	ug/l	83
87) 1,3-Dichlorobenzene	11.975	146	2948	1.150	ug/l	91
88) 1,4-Dichlorobenzene	11.975	146	2948	1.119	ug/l	91
89) n-Butylbenzene	12.335	91	3519	0.835	ug/l	87
90) Hexachloroethane	12.542	117	254	0.347	ug/l	69
91) 1,2-Dichlorobenzene	12.335	146	1891	0.710	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.951	75	150	0.368	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	2154	1.476	ug/l	95
94) Hexachlorobutadiene	13.725	225	615	1.048	ug/l	89
95) Naphthalene	13.780	128	10445	1.833	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2472	1.597	ug/l	94

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

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