

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043485.D
 Acq On : 23 Oct 2024 10:55
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 24 04:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45767	38.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.820%
35) Dibromofluoromethane	5.391	113	37659	45.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.260%
50) Toluene-d8	8.647	98	143592	49.565	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	47935	44.712	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.420%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	476	0.614	ug/l	87
3) Chloromethane	1.294	50	375	0.368	ug/l #	85
4) Vinyl Chloride	1.386	62	388	0.429	ug/l #	42
5) Bromomethane	1.605	94	784	1.976	ug/l	95
7) Trichlorofluoromethane	1.861	101	549	0.436	ug/l	95
9) 1,1,2-Trichlorotrifluoro...	2.313	101	405	0.540	ug/l #	80
10) Methyl Iodide	2.447	142	596	0.614	ug/l #	68
11) Tert butyl alcohol	3.026	59	273	1.632	ug/l #	70
12) 1,1-Dichloroethene	2.313	96	412	0.551	ug/l	93
13) Acrolein	2.245	56	644	3.986	ug/l #	81
14) Allyl chloride	2.666	41	564	0.390	ug/l #	59
15) Acrylonitrile	3.081	53	1041	2.568	ug/l #	91
16) Acetone	2.404	43	1015	2.317	ug/l	92
17) Carbon Disulfide	2.502	76	1865	1.167	ug/l #	90
18) Methyl Acetate	2.721	43	811	0.668	ug/l #	83
20) Methylene Chloride	2.794	84	510	0.522	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	627	0.723	ug/l #	76
23) Vinyl Acetate	3.757	43	2582	1.236	ug/l	96
26) 2,2-Dichloropropane	4.489	77	298	0.208	ug/l #	55
27) cis-1,2-Dichloroethene	4.495	96	441	0.404	ug/l	81
29) Tetrahydrofuran	5.032	42	137	0.363	ug/l #	32
31) Cyclohexane	5.458	56	575	0.477	ug/l #	74
32) 1,1,1-Trichloroethane	5.385	97	378	0.252	ug/l #	24
36) 1,1-Dichloropropene	5.696	75	734	0.751	ug/l #	44
38) Carbon Tetrachloride	5.672	117	665	0.622	ug/l #	43
39) Methylcyclohexane	7.379	83	708	0.607	ug/l	95
40) Benzene	6.050	78	1183	0.351	ug/l #	89
43) Isopropyl Acetate	6.354	43	350	0.201	ug/l #	60
44) Trichloroethene	7.135	130	342	0.396	ug/l	94
45) 1,2-Dichloropropane	7.446	63	181	0.234	ug/l #	41
46) Dibromomethane	7.598	93	319	0.576	ug/l	90
47) Bromodichloromethane	7.830	83	270	0.242	ug/l #	82
49) 1,4-Dioxane	7.708	88	29	2.030	ug/l #	1
51) 4-Methyl-2-Pentanone	8.586	43	1663	1.615	ug/l	94
52) Toluene	8.732	92	894	0.442	ug/l	85
53) t-1,3-Dichloropropene	9.000	75	593	0.565	ug/l	100

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Quant Time: Oct 24 04:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) cis-1,3-Dichloropropene	8.378	75	319	0.271	ug/l #	68
55) 1,1,2-Trichloroethane	9.165	97	153	0.211	ug/l #	60
57) 1,3-Dichloropropane	9.317	76	394	0.313	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.263	63	726	1.525	ug/l #	46
59) 2-Hexanone	9.451	43	2470	3.231	ug/l	84
60) Dibromochloromethane	9.519	129	164	0.231	ug/l	98
61) 1,2-Dibromoethane	9.622	107	476	0.650	ug/l	92
64) Tetrachloroethene	9.281	164	643	0.924	ug/l #	72
65) Chlorobenzene	10.079	112	1572	0.710	ug/l #	39
66) 1,1,1,2-Tetrachloroethane	10.165	131	182	0.260	ug/l #	58
67) Ethyl Benzene	10.201	91	2394	0.671	ug/l	93
68) m/p-Xylenes	10.311	106	2017	1.479	ug/l	88
69) o-Xylene	10.646	106	782	0.568	ug/l	87
70) Styrene	10.665	104	1351	0.597	ug/l	97
71) Bromoform	10.805	173	172	0.431	ug/l #	92
73) Isopropylbenzene	10.969	105	2449	0.812	ug/l	99
74) N-amyl acetate	10.854	43	1301	1.063	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	11.213	83	427	0.458	ug/l #	80
76) 1,2,3-Trichloropropane	11.244	75	1045	1.274	ug/l	77
77) Bromobenzene	11.201	156	648	0.838	ug/l	85
78) n-propylbenzene	11.311	91	3001	0.877	ug/l	94
79) 2-Chlorotoluene	11.366	91	2029	0.863	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1947	0.737	ug/l	89
82) 4-Chlorotoluene	11.457	91	3121	1.146	ug/l	99
83) tert-Butylbenzene	11.719	119	1603	0.640	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	2324	0.858	ug/l	83
85) sec-Butylbenzene	11.890	105	2500	0.835	ug/l	93
86) p-Isopropyltoluene	12.012	119	2308	0.915	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	1900	1.304	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	1900	1.241	ug/l	93
89) n-Butylbenzene	12.341	91	2963	1.415	ug/l	98
90) Hexachloroethane	12.530	117	184	0.459	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	1659	1.139	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	145	0.866	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	2372	2.875	ug/l	89
94) Hexachlorobutadiene	13.725	225	403	1.289	ug/l	88
95) Naphthalene	13.780	128	14057	5.631	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3198	3.910	ug/l	98

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

