Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044654.D
Acq On : 15 Jan 2025 14:00
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 16 01:20:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	170728	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	328723	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	288091	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	126577	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.946	65	131800	51.145	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.280%				
35) Dibromofluoromethane	5.379	113	108149	51.787	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%				
50) Toluene-d8	8.647	98	395517	54.317	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.640%				
62) 4-Bromofluorobenzene	11.079	95	151385	55.769	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.540%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.160	85	806	0.351	ug/l		84
3) Chloromethane	1.288	50	1257	0.506	ug/l		91
4) Vinyl Chloride	1.374	62	877	0.357	ug/l	#	63
5) Bromomethane	1.593	94	712	1.215	ug/l		89
6) Chloroethane	1.660	64	383	0.851	ug/l	#	41
7) Trichlorofluoromethane	1.861	101	692	0.255	ug/l	#	67
8) Diethyl Ether	2.136	74	350	0.320	ug/l		78
9) 1,1,2-Trichlorotrifluo...	2.313	101	684	0.335	ug/l		94
10) Methyl Iodide	2.447	142	2418	0.868	ug/l		95
11) Tert butyl alcohol	2.989	59	1129	1.965	ug/l	#	43
12) 1,1-Dichloroethene	2.300	96	1488	0.744	ug/l	#	67
13) Acrolein	2.239	56	815	3.015	ug/l		94
14) Allyl chloride	2.660	41	2449	0.629	ug/l	#	70
15) Acrylonitrile	3.081	53	3227	2.864	ug/l	#	93
16) Acetone	2.392	43	3127	3.067	ug/l		95
17) Carbon Disulfide	2.502	76	11125	2.040	ug/l		96
18) Methyl Acetate	2.703	43	2169	0.690	ug/l		97
20) Methylene Chloride	2.782	84	1347	0.567	ug/l		95
21) trans-1,2-Dichloroethene	3.087	96	2348	1.125	ug/l		95
22) Diisopropyl ether	3.763	45	1928	0.285	ug/l	#	33
23) Vinyl Acetate	3.733	43	6844	1.156	ug/l	#	94
24) 1,1-Dichloroethane	3.605	63	1102	0.275	ug/l	#	55
25) 2-Butanone	4.605	43	2680	1.768	ug/l		94
26) 2,2-Dichloropropane	4.477	77	1290	0.332	ug/l	#	63
27) cis-1,2-Dichloroethene	4.489	96	1953	0.744	ug/l		74
28) Bromochloromethane	4.897	49	827	0.441	ug/l	#	94
29) Tetrahydrofuran	5.032	42	2109	2.157	ug/l	#	88
30) Chloroform	5.093	83	1967	0.486	ug/l	#	72
31) Cyclohexane	5.458	56	726	0.224	ug/l	#	58
32) 1,1,1-Trichloroethane	5.367	97	1457	0.391	ug/l	#	43
36) 1,1-Dichloropropene	5.696	75	2155	0.741	ug/l	#	90
38) Carbon Tetrachloride	5.678	117	1479	0.452	ug/l	#	66
39) Methylcyclohexane	7.373	83	1691	0.438	ug/l	#	79
40) Benzene	6.031	78	3146	0.349	ug/l	#	85
42) 1,2-Dichloroethane	6.086	62	1180	0.359	ug/l		98
44) Trichloroethene	7.135	130	1431	0.661	ug/l		71

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Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,2-Dichloropropane	7.434	63	702	0.310	ug/l	#	60
46) Dibromomethane	7.586	93	878	0.509	ug/l	#	74
47) Bromodichloromethane	7.824	83	1079	0.305	ug/l	#	71
49) 1,4-Dioxane	7.690	88	842	15.267	ug/l	#	55
51) 4-Methyl-2-Pentanone	8.580	43	3837	1.219	ug/l		97
52) Toluene	8.720	92	2354	0.427	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	1941	0.531	ug/l		92
54) cis-1,3-Dichloropropene	8.372	75	1683	0.424	ug/l		94
55) 1,1,2-Trichloroethane	9.159	97	1088	0.488	ug/l		92
57) 1,3-Dichloropropane	9.317	76	1051	0.277	ug/l	#	70
58) 2-Chloroethyl Vinyl ether	8.257	63	2404	1.277	ug/l		89
59) 2-Hexanone	9.458	43	3276	1.415	ug/l		73
60) Dibromochloromethane	9.525	129	832	0.318	ug/l		94
61) 1,2-Dibromoethane	9.616	107	1019	0.436	ug/l		88
64) Tetrachloroethene	9.281	164	1149	0.635	ug/l	#	80
65) Chlorobenzene	10.079	112	3283	0.537	ug/l		94
66) 1,1,1,2-Tetrachloroethane	10.165	131	661	0.297	ug/l	#	66
67) Ethyl Benzene	10.195	91	4991	0.467	ug/l		100
68) m/p-Xylenes	10.305	106	4104	1.036	ug/l		91
69) o-Xylene	10.640	106	1691	0.422	ug/l		97
70) Styrene	10.659	104	3358	0.519	ug/l		99
71) Bromoform	10.805	173	779	0.430	ug/l	#	97
73) Isopropylbenzene	10.963	105	4408	0.426	ug/l		98
74) N-amyl acetate	10.860	43	1534	0.301	ug/l	#	74
75) 1,1,2,2-Tetrachloroethane	11.213	83	1221	0.342	ug/l		78
77) Bromobenzene	11.201	156	1271	0.526	ug/l		94
78) n-propylbenzene	11.305	91	5603	0.491	ug/l		98
79) 2-Chlorotoluene	11.366	91	3971	0.539	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	4344	0.516	ug/l		96
82) 4-Chlorotoluene	11.457	91	4985	0.618	ug/l		95
83) tert-Butylbenzene	11.713	119	4184	0.475	ug/l		92
84) 1,2,4-Trimethylbenzene	11.756	105	4408	0.515	ug/l		96
85) sec-Butylbenzene	11.890	105	4975	0.485	ug/l		97
86) p-Isopropyltoluene	12.012	119	4300	0.511	ug/l		88
87) 1,3-Dichlorobenzene	11.975	146	3192	0.762	ug/l		95
88) 1,4-Dichlorobenzene	11.975	146	3192	0.753	ug/l		95
89) n-Butylbenzene	12.335	91	6065	0.838	ug/l		94
90) Hexachloroethane	12.536	117	901	0.472	ug/l		95
91) 1,2-Dichlorobenzene	12.341	146	2557	0.594	ug/l		92
92) 1,2-Dibromo-3-Chloropr...	12.951	75	590	0.676	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	3305	1.284	ug/l		99
94) Hexachlorobutadiene	13.725	225	833	0.824	ug/l		93
95) Naphthalene	13.780	128	18254	1.839	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	3744	1.404	ug/l		97

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

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