Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
Data File : VX022085.D
Acq On : 19 May 2021 13:26
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : IBLK

Quant Time: May 19 14:28:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	72465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	167366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58646	52.46	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.92%			
35) Dibromofluoromethane	5.397	113	51015	50.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.72%			
50) Toluene-d8	8.653	98	202161	51.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.62%			
62) 4-Bromofluorobenzene	11.085	95	87624	60.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	369	0.42	ug/l #	42
3) Chloromethane	1.288	50	451	0.47	ug/l #	73
4) Vinyl Chloride	1.374	62	301	0.30	ug/l #	49
5) Bromomethane	1.611	94	532	0.91	ug/l	94
6) Chloroethane	1.697	64	51	0.09	ug/l #	21
7) Trichlorofluoromethane	1.892	101	488	0.34	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	488	0.57	ug/l #	75
10) Methyl Iodide	2.459	142	1197	1.30	ug/l #	93
11) Tert butyl alcohol	2.940	59	97	0.38	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	368	0.44	ug/l #	87
13) Acrolein	2.239	56	289	1.70	ug/l #	31
14) Allyl chloride	2.678	41	420	0.28	ug/l #	25
15) Acrylonitrile	3.068	53	860	1.71	ug/l	92
16) Acetone	2.398	43	1366	2.81	ug/l #	77
17) Carbon Disulfide	2.514	76	4211	1.94	ug/l	99
18) Methyl Acetate	2.709	43	512	0.40	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	61	0.02	ug/l #	55
20) Methylene Chloride	2.794	84	764	0.71	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	734	0.81	ug/l #	81
22) Diisopropyl ether	3.770	45	82	0.03	ug/l #	36
23) Vinyl Acetate	3.727	43	1557	0.55	ug/l	99
24) 1,1-Dichloroethane	3.605	63	87	0.05	ug/l #	81
25) 2-Butanone	4.580	43	278	0.35	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	251	0.23	ug/l #	5
28) Bromochloromethane	4.897	49	245	0.29	ug/l #	9
29) Tetrahydrofuran	5.038	42	503	1.07	ug/l #	48
30) Chloroform	5.111	83	282	0.16	ug/l #	81
31) Cyclohexane	5.495	56	106	0.08	ug/l #	24
36) 1,1-Dichloropropene	5.708	75	637	0.43	ug/l #	84
37) Ethyl Acetate	4.733	43	83	0.05	ug/l #	64
38) Carbon Tetrachloride	5.556	117	8028	5.56	ug/l #	12
39) Methylcyclohexane	7.379	83	703	0.42	ug/l #	84
40) Benzene	6.044	78	657	0.14	ug/l #	52
41) Methacrylonitrile	4.934	41	105	0.11	ug/l #	35
42) 1,2-Dichloroethane	6.104	62	402	0.25	ug/l #	73
43) Isopropyl Acetate	6.348	43	126	0.04	ug/l #	57

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Trichloroethene	7.147	130	439	0.39	ug/l		57
45) 1,2-Dichloropropane	7.446	63	67	0.06	ug/l	#	43
46) Dibromomethane	7.586	93	338	0.43	ug/l	#	44
47) Bromodichloromethane	7.824	83	125	0.08	ug/l	#	25
48) Methyl methacrylate	7.696	41	56	0.04	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.580	43	474	0.27	ug/l	#	78
52) Toluene	8.714	92	563	0.20	ug/l		92
53) t-1,3-Dichloropropene	8.994	75	444	0.24	ug/l		96
54) cis-1,3-Dichloropropene	8.378	75	424	0.22	ug/l	#	75
55) 1,1,2-Trichloroethane	9.159	97	59	0.05	ug/l	#	15
56) Ethyl methacrylate	9.116	69	93	0.05	ug/l	#	1
57) 1,3-Dichloropropane	9.311	76	262	0.13	ug/l	#	42
58) 2-Chloroethyl Vinyl ether	8.250	63	555	0.54	ug/l	#	87
59) 2-Hexanone	9.433	43	524	0.39	ug/l		65
60) Dibromochloromethane	9.525	129	53	0.05	ug/l		93
61) 1,2-Dibromoethane	9.616	107	296	0.25	ug/l	#	77
64) Tetrachloroethene	9.281	164	440	0.40	ug/l	#	76
65) Chlorobenzene	10.079	112	816	0.23	ug/l	#	71
66) 1,1,1,2-Tetrachloroethane	10.165	131	19	0.02	ug/l	#	1
67) Ethyl Benzene	10.207	91	1427	0.22	ug/l	#	76
68) m/p-Xylenes	10.305	106	1126	0.46	ug/l		94
69) o-Xylene	10.646	106	396	0.17	ug/l		88
70) Styrene	10.665	104	946	0.25	ug/l		90
71) Bromoform	10.805	173	22	1.43	ug/l	#	29
73) Isopropylbenzene	10.969	105	1147	0.18	ug/l		89
74) N-amyl acetate	10.848	43	379	0.13	ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	11.207	83	150	0.07	ug/l	#	68
76) 1,2,3-Trichloropropane	11.085	75	44268	23.89	ug/l	#	39
77) Bromobenzene	11.195	156	357	0.26	ug/l		82
78) n-propylbenzene	11.311	91	2384	0.32	ug/l		95
79) 2-Chlorotoluene	11.372	91	976	0.22	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	1367	0.26	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.085	75	44268	56.61	ug/l	#	12
82) 4-Chlorotoluene	11.457	91	2214	0.43	ug/l		92
83) tert-Butylbenzene	11.719	119	1132	0.22	ug/l		93
84) 1,2,4-Trimethylbenzene	11.756	105	1549	0.29	ug/l		99
85) sec-Butylbenzene	11.896	105	2107	0.33	ug/l		94
86) p-Isopropyltoluene	12.012	119	1826	0.34	ug/l	#	75
87) 1,3-Dichlorobenzene	11.975	146	1267	0.49	ug/l		90
88) 1,4-Dichlorobenzene	11.975	146	1267	0.47	ug/l		88
89) n-Butylbenzene	12.335	91	2715	0.54	ug/l		98
90) Hexachloroethane	12.548	117	61	0.07	ug/l		80
91) 1,2-Dichlorobenzene	12.341	146	892	0.36	ug/l		82
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20	0.04	ug/l	#	1
93) 1,2,4-Trichlorobenzene	13.591	180	1176	0.78	ug/l		90
94) Hexachlorobutadiene	13.731	225	722	1.23	ug/l		95
95) Naphthalene	13.780	128	3328	0.57	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	1024	0.67	ug/l		96

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

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