Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
Data File : VX036289.D
Acq On : 23 Jun 2023 12:48
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 23 13:13:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 12:55:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	200834	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	344338	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	317693	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152899	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	144931	50.344	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.680%				
35) Dibromofluoromethane	5.385	113	112531	49.563	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.120%				
50) Toluene-d8	8.646	98	434922	51.287	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.580%				
62) 4-Bromofluorobenzene	11.079	95	155770	52.149	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	417	0.225	ug/l		71
4) Vinyl Chloride	1.373	62	727	0.208	ug/l	#	80
5) Bromomethane	1.623	94	891	0.338	ug/l	#	55
9) 1,1,2-Trichlorotrifluo...	2.330	101	597	0.261	ug/l		93
10) Methyl Iodide	2.465	142	1061	0.381	ug/l	#	98
12) 1,1-Dichloroethene	2.318	96	596	0.266	ug/l	#	79
13) Acrolein	2.239	56	889	1.235	ug/l		99
14) Allyl chloride	2.666	41	813	0.224	ug/l	#	80
15) Acrylonitrile	3.068	53	1595	1.200	ug/l	#	84
16) Acetone	2.391	43	1403	1.178	ug/l	#	68
17) Carbon Disulfide	2.513	76	7624	1.457	ug/l	#	93
20) Methylene Chloride	2.788	84	1303	0.502	ug/l	#	74
21) trans-1,2-Dichloroethene	3.093	96	1188	0.508	ug/l		97
23) Vinyl Acetate	3.739	43	1997	0.378	ug/l	#	73
25) 2-Butanone	4.604	43	1104	0.627	ug/l	#	51
27) cis-1,2-Dichloroethene	4.501	96	621	0.231	ug/l		83
29) Tetrahydrofuran	5.056	42	527	0.466	ug/l	#	34
36) 1,1-Dichloropropene	5.696	75	1310	0.403	ug/l		89
38) Carbon Tetrachloride	5.543	117	20899	6.819	ug/l	#	15
39) Methylcyclohexane	7.384	83	1045	0.265	ug/l	#	83
42) 1,2-Dichloroethane	6.104	62	753	0.211	ug/l	#	77
44) Trichloroethene	7.135	130	1002	0.395	ug/l		74
46) Dibromomethane	7.592	93	471	0.266	ug/l		87
49) 1,4-Dioxane	7.714	88	61	Below Cal		#	12
51) 4-Methyl-2-Pentanone	8.573	43	1064	0.302	ug/l		92
53) t-1,3-Dichloropropene	8.988	75	649	3.305	ug/l	#	74
54) cis-1,3-Dichloropropene	8.372	75	522	2.091	ug/l	#	77
58) 2-Chloroethyl Vinyl ether	8.244	63	926	0.449	ug/l		92
59) 2-Hexanone	9.439	43	1170	0.453	ug/l		96
64) Tetrachloroethene	9.274	164	913	0.413	ug/l	#	83
65) Chlorobenzene	10.085	112	1585	0.241	ug/l		91
68) m/p-Xylenes	10.305	106	2171	0.481	ug/l		95
70) Styrene	10.658	104	1607	0.225	ug/l	#	86
73) Isopropylbenzene	10.963	105	2342	0.205	ug/l		94
76) 1,2,3-Trichloropropane	11.079	75	81041	24.855	ug/l	#	39
77) Bromobenzene	11.201	156	661	0.237	ug/l		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) n-propylbenzene	11.304	91	3980	0.300	ug/l		97
79) 2-Chlorotoluene	11.365	91	2085	0.263	ug/l		92
80) 1,3,5-Trimethylbenzene	11.451	105	2117	0.221	ug/l		92
81) trans-1,4-Dichloro-2-b...	11.079	75	81041	70.359	ug/l	#	5
82) 4-Chlorotoluene	11.457	91	3040	0.332	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	2686	0.283	ug/l		94
85) sec-Butylbenzene	11.890	105	3577	0.309	ug/l		96
86) p-Isopropyltoluene	12.012	119	3275	0.338	ug/l		86
87) 1,3-Dichlorobenzene	11.969	146	2542	0.501	ug/l		94
88) 1,4-Dichlorobenzene	11.969	146	2542	0.489	ug/l		95
89) n-Butylbenzene	12.335	91	5180	0.599	ug/l		91
90) Hexachloroethane	12.542	117	81	2.741	ug/l	#	17
91) 1,2-Dichlorobenzene	12.335	146	1638	0.327	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	3158	1.028	ug/l		98
94) Hexachlorobutadiene	13.725	225	3091	2.501	ug/l		98
95) Naphthalene	13.774	128	11827	1.160	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	3274	1.107	ug/l		91

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

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