Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048540.D
Acq On : 1 Apr 2021 12:01
Operator : CG/JU
Sample : M1458-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:35 AM

Quant Time: Apr 01 12:56:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.098	152	15807	20.00	ng		0.00
21) Naphthalene-d8	10.924	136	65085	20.00	ng		# 0.00
39) Acenaphthene-d10	14.749	164	46439	20.00	ng		0.00
64) Phenanthrene-d10	17.499	188	113688	20.00	ng		0.00
76) Chrysene-d12	21.794	240	119602	20.00	ng		# 0.00
86) Perylene-d12	25.137	264	116558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	80588	90.01	ng		0.00
7) Phenol-d6	7.246	99	110942	85.44	ng		0.00
23) Nitrobenzene-d5	9.261	82	82984	61.73	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	53978	88.42	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	210235	67.29	ng		0.00
79) Terphenyl-d14	20.113	244	417799	63.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	1995	5.54	ng		89
3) Pyridine	3.944	79	3575	3.96	ng	#	89
4) n-Nitrosodimethylamine	3.832	42	2229	3.78	ng	#	80
6) Aniline	7.416	93	7294	4.89	ng	#	83
8) 2-Chlorophenol	7.657	128	4447	4.40	ng		94
9) Benzaldehyde	7.228	77	4119	4.96	ng	#	79
10) Phenol	7.270	94	6087	4.68	ng		94
11) bis(2-Chloroethyl)ether	7.505	93	3612	4.00	ng	#	88
12) 1,3-Dichlorobenzene	7.986	146	5154	4.52	ng		96
13) 1,4-Dichlorobenzene	8.133	146	5346m	4.65	ng		
14) 1,2-Dichlorobenzene	8.456	146	4797	4.36	ng	#	85
15) Benzyl Alcohol	8.327	79	4104	3.86	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.621	45	4115	4.73	ng		79
17) 2-Methylphenol	8.533	107	3696	4.39	ng		85
18) Hexachloroethane	9.197	117	2299	5.38	ng	#	82
19) n-Nitroso-di-n-propyla...	8.903	70	3729	4.17	ng	#	98
20) 3+4-Methylphenols	8.856	107	4931	4.22	ng	#	87
22) Acetophenone	8.921	105	6812	4.06	ng	#	87
24) Nitrobenzene	9.302	77	5572	4.22	ng		95
25) Isophorone	9.831	82	10316	4.16	ng	#	90
26) 2-Nitrophenol	10.025	139	2021	3.33	ng	#	79
27) 2,4-Dimethylphenol	10.084	122	4660	4.89	ng	#	74
28) bis(2-Chloroethoxy)met...	10.313	93	5459	4.80	ng	#	82
29) 2,4-Dichlorophenol	10.572	162	4518	4.18	ng		79
30) 1,2,4-Trichlorobenzene	10.783	180	5555	4.48	ng	#	66
31) Naphthalene	10.971	128	14046	4.20	ng	#	91
32) Benzoic acid	10.160	122	982m	1.34	ng		
33) 4-Chloroaniline	11.071	127	5948	4.21	ng	#	90
34) Hexachlorobutadiene	11.253	225	3701	4.08	ng	#	84
35) Caprolactam	11.811	113	1734	4.40	ng	#	65
36) 4-Chloro-3-methylphenol	12.193	107	4688	3.87	ng	#	71
37) 2-Methylnaphthalene	12.575	142	11593	4.35	ng		92
38) 1-Methylnaphthalene	12.798	142	10080	3.97	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.939	216	6063	4.21	ng		90
41) Hexachlorocyclopentadiene	12.922	237	3823	4.58	ng		97
43) 2,4,6-Trichlorophenol	13.180	196	4770	4.82	ng	#	81

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Quant Time: Apr 01 12:56:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	4357	4.12	ng	#	83
46) 1,1'-Biphenyl	13.580	154	15865	4.68	ng		95
47) 2-Chloronaphthalene	13.627	162	11251	4.35	ng	#	80
48) 2-Nitroaniline	13.827	65	3025	3.68	ng	#	78
49) Acenaphthylene	14.467	152	17076	4.21	ng		93
50) Dimethylphthalate	14.185	163	15017	4.36	ng	#	95
51) 2,6-Dinitrotoluene	14.308	165	3255	4.13	ng		96
52) Acenaphthene	14.814	154	11833	4.04	ng		96
53) 3-Nitroaniline	14.643	138	3185	4.12	ng	#	86
54) 2,4-Dinitrophenol	14.843	184	1299	2.93	ng	#	79
55) Dibenzofuran	15.143	168	18771	4.38	ng		93
56) 4-Nitrophenol	14.949	139	2401	3.85	ng	#	67
57) 2,4-Dinitrotoluene	15.096	165	4830	4.33	ng	#	86
58) Fluorene	15.795	166	16034	4.47	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	4072	3.94	ng	#	94
60) Diethylphthalate	15.554	149	16111	4.55	ng	#	87
61) 4-Chlorophenyl-phenyle...	15.789	204	8295	4.30	ng		92
62) 4-Nitroaniline	15.801	138	3193	3.95	ng	#	74
63) Azobenzene	16.077	77	14572	4.18	ng		93
65) 4,6-Dinitro-2-methylph...	15.859	198	2520	3.69	ng	#	73
66) n-Nitrosodiphenylamine	16.000	169	15156	4.69	ng	#	86
67) 4-Bromophenyl-phenylether	16.682	248	5282	4.19	ng		97
68) Hexachlorobenzene	16.805	284	6169	4.69	ng	#	86
69) Atrazine	16.941	200	5377	4.08	ng	#	68
70) Pentachlorophenol	17.146	266	2553	3.12	ng	#	78
71) Phenanthrene	17.540	178	26615	4.51	ng	#	91
72) Anthracene	17.628	178	26220	4.46	ng		95
73) Carbazole	17.904	167	23616	4.23	ng	#	90
74) Di-n-butylphthalate	18.456	149	27058	4.34	ng	#	95
75) Fluoranthene	19.555	202	31858	4.35	ng		90
77) Benzidine	19.731	184	13347	3.30	ng		96
78) Pyrene	19.914	202	34547	4.20	ng		93
80) Butylbenzylphthalate	20.795	149	11777	3.86	ng		96
81) Benzo(a)anthracene	21.776	228	32446	4.06	ng		97
82) 3,3'-Dichlorobenzidine	21.688	252	12134	4.42	ng	#	99
83) Chrysene	21.847	228	31933	4.19	ng		97
84) Bis(2-ethylhexyl)phtha...	21.676	149	16941	3.98	ng	#	95
85) Di-n-octyl phthalate	22.933	149	29876	4.03	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.956	276	36064m	4.41	ng		
88) Benzo(b)fluoranthene	24.073	252	35733	4.72	ng		97
89) Benzo(k)fluoranthene	24.138	252	32251	4.43	ng	#	89
90) Benzo(a)pyrene	24.984	252	28153	4.03	ng	#	98
91) Dibenzo(a,h)anthracene	29.026	278	29869m	4.28	ng		
92) Benzo(g,h,i)perylene	30.143	276	29727	4.35	ng	#	83

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

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