Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
Data File : BG056268.D
Acq On : 12 Jan 2023 14:33
Operator : CG/JU
Sample : 01094-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-AMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:26:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.317	152	46460	20.000	ng		0.00
21) Naphthalene-d8	11.149	136	175821	20.000	ng		0.00
39) Acenaphthene-d10	14.927	164	145191	20.000	ng		0.00
64) Phenanthrene-d10	17.665	188	385422	20.000	ng		0.00
76) Chrysene-d12	21.960	240	365778	20.000	ng		0.00
86) Perylene-d12	25.403	264	400847	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.838	112	348804	134.048	ng		0.01
7) Phenol-d6	7.454	99	489863	122.587	ng		0.00
23) Nitrobenzene-d5	9.492	82	258433	75.186	ng		0.00
42) 2,4,6-Tribromophenol	16.408	330	235891	128.284	ng		0.00
45) 2-Fluorobiphenyl	13.558	172	811614	77.192	ng		0.00
79) Terphenyl-d14	20.239	244	1543279	75.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	49161	41.363	ng		95
3) Pyridine	4.063	79	132294	36.546	ng	#	93
4) n-Nitrosodimethylamine	3.975	42	31585	42.893	ng	#	94
6) Aniline	7.630	93	97028	18.515	ng		96
8) 2-Chlorophenol	7.877	128	141751	54.744	ng		97
9) Benzaldehyde	7.442	77	71678	30.167	ng		98
10) Phenol	7.483	94	202304	49.920	ng		96
11) bis(2-Chloroethyl)ether	7.718	93	124600	45.370	ng		99
12) 1,3-Dichlorobenzene	8.206	146	161128	51.129	ng		92
13) 1,4-Dichlorobenzene	8.352	146	159997	50.559	ng		98
14) 1,2-Dichlorobenzene	8.676	146	153964	50.422	ng		99
15) Benzyl Alcohol	8.546	79	132537	45.572	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.834	45	25481	52.505	ng	#	82
17) 2-Methylphenol	8.752	107	138164	46.463	ng		97
18) Hexachloroethane	9.416	117	49779	51.780	ng		89
19) n-Nitroso-di-n-propyla...	9.122	70	96736	39.810	ng		99
20) 3+4-Methylphenols	9.075	107	188148	45.003	ng		98
22) Acetophenone	9.146	105	224433	45.145	ng	#	98
24) Nitrobenzene	9.533	77	150978	44.323	ng		98
25) Isophorone	10.056	82	295065	40.800	ng		96
26) 2-Nitrophenol	10.250	139	87461	50.183	ng		98
27) 2,4-Dimethylphenol	10.297	122	158010	49.707	ng		97
28) bis(2-Chloroethoxy)met...	10.532	93	173422	46.138	ng		96
29) 2,4-Dichlorophenol	10.785	162	178612	50.823	ng		96
30) 1,2,4-Trichlorobenzene	11.008	180	191568	48.035	ng		98
31) Naphthalene	11.202	128	427656	46.217	ng		99
32) Benzoic acid	10.427	122	114402	48.505	ng		95
33) 4-Chloroaniline	11.296	127	47018	10.643	ng		97
34) Hexachlorobutadiene	11.478	225	137559	47.958	ng		94
35) Caprolactam	12.072	113	54068m	45.441	ng		
36) 4-Chloro-3-methylphenol	12.395	107	172486	48.368	ng		98
37) 2-Methylnaphthalene	12.783	142	339934	43.508	ng		97
38) 1-Methylnaphthalene	12.994	142	318029	43.834	ng		95
40) 1,2,4,5-Tetrachloroben...	13.141	216	259067	47.608	ng		99
41) Hexachlorocyclopentadiene	13.117	237	333072	107.357	ng		98
43) 2,4,6-Trichlorophenol	13.370	196	182620	50.752	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	200632	47.135	ng		99
46) 1,1'-Biphenyl	13.770	154	497926	47.886	ng		97
47) 2-Chloronaphthalene	13.817	162	401239	48.888	ng		98
48) 2-Nitroaniline	14.011	65	83682	47.854	ng		93
49) Acenaphthylene	14.657	152	623942	46.716	ng		99
50) Dimethylphthalate	14.369	163	532504	45.433	ng		100
51) 2,6-Dinitrotoluene	14.492	165	117395	47.006	ng		96
52) Acenaphthene	14.992	154	473949m	54.561	ng		
53) 3-Nitroaniline	14.821	138	43247	18.195	ng		99
54) 2,4-Dinitrophenol	15.033	184	193390	108.392	ng		94
55) Dibenzofuran	15.327	168	668540	46.508	ng		97
56) 4-Nitrophenol	15.121	139	190709	104.325	ng		95
57) 2,4-Dinitrotoluene	15.280	165	167319	47.905	ng		92
58) Fluorene	15.973	166	542725	46.941	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.544	232	202152	50.581	ng		96
60) Diethylphthalate	15.720	149	508871	46.296	ng		99
61) 4-Chlorophenyl-phenyle...	15.949	204	332284	46.052	ng		98
62) 4-Nitroaniline	15.985	138	111567	45.823	ng		95
63) Azobenzene	16.243	77	394953	46.563	ng		99
65) 4,6-Dinitro-2-methylph...	16.038	198	128812	49.605	ng		93
66) n-Nitrosodiphenylamine	16.167	169	502396	46.981	ng		97
67) 4-Bromophenyl-phenylether	16.848	248	231939	47.258	ng		100
68) Hexachlorobenzene	16.972	284	230863	50.418	ng		99
69) Atrazine	17.101	200	221507	49.980	ng		97
70) Pentachlorophenol	17.313	266	318416	90.524	ng		98
71) Phenanthrene	17.712	178	941371	47.130	ng		99
72) Anthracene	17.800	178	958595	46.524	ng		100
73) Carbazole	18.065	167	828122	47.815	ng		98
74) Di-n-butylphthalate	18.593	149	834007	48.307	ng		100
75) Fluoranthene	19.698	202	1183897	45.440	ng		99
77) Benzidine	19.863	184	389318	30.372	ng		98
78) Pyrene	20.062	202	1201930	46.620	ng		99
80) Butylbenzylphthalate	20.920	149	353096	47.738	ng		96
81) Benzo(a)anthracene	21.942	228	1196313	46.565	ng		99
82) 3,3'-Dichlorobenzidine	21.837	252	175452	18.971	ng		99
83) Chrysene	22.013	228	1118060	46.460	ng		99
84) Bis(2-ethylhexyl)phtha...	21.807	149	517626	48.575	ng		99
85) Di-n-octyl phthalate	23.088	149	861070	47.865	ng		100
87) Indeno(1,2,3-cd)pyrene	29.375	276	1498375	51.398	ng	#	97
88) Benzo(b)fluoranthene	24.304	252	1268895	49.822	ng		98
89) Benzo(k)fluoranthene	24.375	252	1208779	47.662	ng		99
90) Benzo(a)pyrene	25.244	252	1101409	44.339	ng		98
91) Dibenzo(a,h)anthracene	29.434	278	1255084	51.351	ng		99
92) Benzo(g,h,i)perylene	30.626	276	1229238	51.863	ng		98

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

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