Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058612.D
Acq On : 4 Aug 2023 15:29
Operator : MA/JU
Sample : 03625-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR200018MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 16:04:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	104641	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	442456	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	308226	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	692107	20.000	ng		0.00
76) Chrysene-d12	21.448	240	590619	20.000	ng		0.00
86) Perylene-d12	24.521	264	758454	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	443991	64.852	ng		0.00
7) Phenol-d6	6.989	99	579482	60.829	ng		0.00
23) Nitrobenzene-d5	8.980	82	403834	44.837	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	319395	63.221	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	893396	43.437	ng		0.00
79) Terphenyl-d14	19.826	244	1549196	49.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	54569	16.449	ng	#	68
3) Pyridine	3.681	79	144165	15.939	ng		98
4) n-Nitrosodimethylamine	3.587	42	79311	20.696	ng		95
6) Aniline	7.141	93	126701	10.803	ng		99
8) 2-Chlorophenol	7.376	128	164401	24.478	ng		98
9) Benzaldehyde	6.947	77	60552	11.699	ng		98
10) Phenol	7.012	94	207251	22.271	ng		100
11) bis(2-Chloroethyl)ether	7.235	93	157140	21.419	ng		96
12) 1,3-Dichlorobenzene	7.699	146	142586	19.882	ng		99
13) 1,4-Dichlorobenzene	7.846	146	144437	20.058	ng		97
14) 1,2-Dichlorobenzene	8.164	146	146912	21.339	ng		99
15) Benzyl Alcohol	8.052	79	162467	26.892	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	269069	22.578	ng		99
17) 2-Methylphenol	8.264	107	154927	22.769	ng		98
18) Hexachloroethane	8.886	117	51981	19.860	ng		93
19) n-Nitroso-di-n-propyla...	8.622	70	136144	22.125	ng		99
20) 3+4-Methylphenols	8.593	107	216269	23.498	ng		97
22) Acetophenone	8.640	105	264017	22.285	ng	#	99
24) Nitrobenzene	9.021	77	201215	21.975	ng		98
25) Isophorone	9.539	82	404093	21.714	ng		99
26) 2-Nitrophenol	9.732	139	92228	23.139	ng		99
27) 2,4-Dimethylphenol	9.791	122	162367	24.559	ng		97
28) bis(2-Chloroethoxy)met...	10.020	93	233296	23.036	ng		100
29) 2,4-Dichlorophenol	10.267	162	173808	25.320	ng		98
30) 1,2,4-Trichlorobenzene	10.479	180	178501	22.548	ng		97
31) Naphthalene	10.667	128	502110	21.531	ng		100
32) Benzoic acid	9.909	122	17087m	7.626	ng		
33) 4-Chloroaniline	10.784	127	48144	4.886	ng		96
34) Hexachlorobutadiene	10.943	225	104150	20.429	ng		97
35) Caprolactam	11.566	113	52525m	20.721	ng		
36) 4-Chloro-3-methylphenol	11.912	107	210518	24.791	ng		97
37) 2-Methylnaphthalene	12.277	142	365331	21.901	ng		98
38) 1-Methylnaphthalene	12.500	142	345465	21.787	ng		99
40) 1,2,4,5-Tetrachloroben...	12.647	216	215748	22.800	ng		100
41) Hexachlorocyclopentadiene	12.623	237	103020	28.256	ng		97
43) 2,4,6-Trichlorophenol	12.893	196	157819	24.247	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	173476	22.629	ng		98
46) 1,1'-Biphenyl	13.293	154	489105	23.106	ng		98
47) 2-Chloronaphthalene	13.334	162	392542	23.784	ng		100
48) 2-Nitroaniline	13.546	65	155680	24.713	ng		97
49) Acenaphthylene	14.186	152	630929	22.833	ng		100
50) Dimethylphthalate	13.922	163	539117	23.289	ng		100
51) 2,6-Dinitrotoluene	14.045	165	121065	23.835	ng		98
52) Acenaphthene	14.527	154	369069	23.115	ng		98
53) 3-Nitroaniline	14.374	138	79500	15.644	ng		98
54) 2,4-Dinitrophenol	14.591	184	28611	16.542	ng		96
55) Dibenzofuran	14.862	168	633239	23.081	ng		100
56) 4-Nitrophenol	14.697	139	155007	42.779	ng		97
57) 2,4-Dinitrotoluene	14.832	165	167898	23.844	ng		98
58) Fluorene	15.508	166	499384	22.913	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	155547	23.778	ng		97
60) Diethylphthalate	15.279	149	531511	22.538	ng		99
61) 4-Chlorophenyl-phenyle...	15.502	204	276438	22.750	ng		99
62) 4-Nitroaniline	15.543	138	116388	24.177	ng		97
63) Azobenzene	15.796	77	531786	22.894	ng		98
65) 4,6-Dinitro-2-methylph...	15.602	198	38754	10.155	ng		95
66) n-Nitrosodiphenylamine	15.720	169	441178	24.491	ng		98
67) 4-Bromophenyl-phenylether	16.395	248	191226	24.360	ng		100
68) Hexachlorobenzene	16.513	284	212286	25.520	ng		99
69) Atrazine	16.671	200	176770	29.069	ng		98
70) Pentachlorophenol	16.865	266	126379	25.101	ng		97
71) Phenanthrene	17.247	178	785822	23.941	ng		99
72) Anthracene	17.341	178	800643	23.773	ng		99
73) Carbazole	17.611	167	748988	25.219	ng		99
74) Di-n-butylphthalate	18.164	149	918548	24.693	ng		100
75) Fluoranthene	19.262	202	941946	23.891	ng		100
77) Benzidine	19.450	184	119254	13.315	ng		97
78) Pyrene	19.627	202	971378	24.167	ng		99
80) Butylbenzylphthalate	20.514	149	414504	25.106	ng		99
81) Benzo(a)anthracene	21.430	228	993920	24.453	ng		99
82) 3,3'-Dichlorobenzidine	21.348	252	249328	18.143	ng		99
83) Chrysene	21.495	228	930035	23.865	ng		100
84) Bis(2-ethylhexyl)phtha...	21.336	149	596611	24.728	ng		98
85) Di-n-octyl phthalate	22.482	149	1067601	25.168	ng		100
87) Indeno(1,2,3-cd)pyrene	28.017	276	1213488	24.050	ng	#	81
88) Benzo(b)fluoranthene	23.546	252	1082070	26.304	ng		98
89) Benzo(k)fluoranthene	23.610	252	1032439	24.983	ng		99
90) Benzo(a)pyrene	24.374	252	953111	23.592	ng		99
91) Dibenzo(a,h)anthracene	28.070	278	1044885	25.044	ng		100
92) Benzo(g,h,i)perylene	29.116	276	960339	22.955	ng		99

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

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