Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057649.D
Acq On : 6 Jun 2023 23:04
Operator : CG/JU
Sample : 03001-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 07 02:51:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP16-0AMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/09/2023
Supervised By :mohammad ahmed
06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.337	152	23891	20.000	ng		0.00
21) Naphthalene-d8	11.174	136	103446	20.000	ng		0.00
39) Acenaphthene-d10	14.957	164	77254	20.000	ng		0.00
64) Phenanthrene-d10	17.695	188	184007	20.000	ng	#	0.00
76) Chrysene-d12	22.001	240	161507	20.000	ng		0.00
86) Perylene-d12	25.490	264	173145	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.864	112	158801	115.477	ng		0.00
7) Phenol-d6	7.491	99	238608	110.871	ng		0.00
23) Nitrobenzene-d5	9.518	82	141872	64.110	ng		0.00
42) 2,4,6-Tribromophenol	16.444	330	106927	86.451	ng		0.00
45) 2-Fluorobiphenyl	13.583	172	330961	61.567	ng		0.00
79) Terphenyl-d14	20.262	244	569111	61.039	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	26042	45.707	ng		95
3) Pyridine	4.072	79	68368	39.249	ng		98
4) n-Nitrosodimethylamine	3.984	42	32775	46.503	ng		89
6) Aniline	7.655	93	82220	31.580	ng		95
8) 2-Chlorophenol	7.902	128	85036	57.599	ng		95
9) Benzaldehyde	7.467	77	51756	36.298	ng		97
10) Phenol	7.520	94	116936	57.408	ng		96
11) bis(2-Chloroethyl)ether	7.738	93	76735	50.451	ng		99
12) 1,3-Dichlorobenzene	8.225	146	84476	53.709	ng		98
13) 1,4-Dichlorobenzene	8.372	146	86863	54.284	ng		96
14) 1,2-Dichlorobenzene	8.701	146	84096	53.880	ng		95
15) Benzyl Alcohol	8.578	79	87362	52.770	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.854	45	103292	54.692	ng		96
17) 2-Methylphenol	8.783	107	77690	51.937	ng		96
18) Hexachloroethane	9.435	117	31142	56.837	ng		91
19) n-Nitroso-di-n-propyla...	9.142	70	73006	48.828	ng		97
20) 3+4-Methylphenols	9.118	107	108732	51.780	ng		98
22) Acetophenone	9.171	105	133731	48.346	ng	#	97
24) Nitrobenzene	9.565	77	104176	46.377	ng		98
25) Isophorone	10.082	82	201642	46.359	ng		98
26) 2-Nitrophenol	10.281	139	49133	51.014	ng		97
27) 2,4-Dimethylphenol	10.328	122	88308	53.033	ng		98
28) bis(2-Chloroethoxy)met...	10.552	93	115652	51.277	ng		98
29) 2,4-Dichlorophenol	10.828	162	93281	53.337	ng		97
30) 1,2,4-Trichlorobenzene	11.033	180	93560	49.086	ng		99
31) Naphthalene	11.227	128	261921	47.864	ng		98
32) Benzoic acid	10.493	122	39174m	41.409	ng		
33) 4-Chloroaniline	11.339	127	51523	20.474	ng		95
34) Hexachlorobutadiene	11.491	225	63923	48.487	ng		99
35) Caprolactam	12.108	113	31819m	43.887	ng		
36) 4-Chloro-3-methylphenol	12.443	107	103347	49.923	ng		99
37) 2-Methylnaphthalene	12.807	142	196901	45.845	ng		98
38) 1-Methylnaphthalene	13.025	142	185391	45.234	ng		99
40) 1,2,4,5-Tetrachloroben...	13.172	216	127857	50.422	ng		99
41) Hexachlorocyclopentadiene	13.142	237	63524	90.918	ng		92
43) 2,4,6-Trichlorophenol	13.406	196	81165	50.843	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	87092	45.806	ng		96
46) 1,1'-Biphenyl	13.794	154	280731	50.844	ng		99
47) 2-Chloronaphthalene	13.847	162	213083	51.236	ng		95
48) 2-Nitroaniline	14.047	65	68625	47.107	ng		99
49) Acenaphthylene	14.687	152	333505	47.356	ng		99
50) Dimethylphthalate	14.393	163	281474	44.207	ng		100
51) 2,6-Dinitrotoluene	14.529	165	63215	46.380	ng		95
52) Acenaphthene	15.022	154	204356	47.423	ng		95
53) 3-Nitroaniline	14.869	138	34964	24.594	ng		99
54) 2,4-Dinitrophenol	15.087	184	66098	80.390	ng		95
55) Dibenzofuran	15.351	168	334941	45.488	ng		98
56) 4-Nitrophenol	15.181	139	79581	84.018	ng		93
57) 2,4-Dinitrotoluene	15.322	165	89712	43.960	ng	#	100
58) Fluorene	15.997	166	277064	44.565	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.580	232	80151	44.998	ng		97
60) Diethylphthalate	15.739	149	287231	43.220	ng		100
61) 4-Chlorophenyl-phenyle...	15.974	204	156980	45.307	ng		97
62) 4-Nitroaniline	16.026	138	63039	41.107	ng		92
63) Azobenzene	16.267	77	300441	50.834	ng		99
65) 4,6-Dinitro-2-methylph...	16.091	198	55579	49.607	ng		95
66) n-Nitrosodiphenylamine	16.191	169	245854	51.406	ng		98
67) 4-Bromophenyl-phenylether	16.867	248	104433	50.596	ng		99
68) Hexachlorobenzene	17.008	284	110118	51.756	ng		96
69) Atrazine	17.125	200	105893	51.571	ng		99
70) Pentachlorophenol	17.354	266	89062	82.152	ng		98
71) Phenanthrene	17.742	178	455622	48.386	ng		99
72) Anthracene	17.830	178	466168	48.258	ng		99
73) Carbazole	18.100	167	412894	47.780	ng		99
74) Di-n-butylphthalate	18.611	149	481566	46.942	ng		99
75) Fluoranthene	19.727	202	547128	44.757	ng		98
77) Benzidine	19.898	184	240386	49.187	ng		98
78) Pyrene	20.092	202	553338	48.118	ng		99
80) Butylbenzylphthalate	20.937	149	209396	49.998	ng		99
81) Benzo(a)anthracene	21.983	228	539940	48.188	ng		99
82) 3,3'-Dichlorobenzidine	21.877	252	102710	24.858	ng		99
83) Chrysene	22.054	228	490227	46.298	ng		99
84) Bis(2-ethylhexyl)phtha...	21.819	149	297493	49.797	ng		98
85) Di-n-octyl phthalate	23.105	149	506033	51.102	ng		99
87) Indeno(1,2,3-cd)pyrene	29.538	276	601303	49.811	ng	#	93
88) Benzo(b)fluoranthene	24.374	252	541619	50.820	ng		98
89) Benzo(k)fluoranthene	24.445	252	528175	49.106	ng		99
90) Benzo(a)pyrene	25.332	252	480114	46.194	ng		99
91) Dibenzo(a,h)anthracene	29.590	278	502883	50.055	ng		98
92) Benzo(g,h,i)perylene	30.812	276	487480	49.752	ng		99

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

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