Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057097.D
Acq On : 14 Apr 2023 12:34
Operator : CG/JU
Sample : PB152103BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 14 13:37:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152103BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	14098	20.000	ng		0.00
21) Naphthalene-d8	11.242	136	59989	20.000	ng	#	0.00
39) Acenaphthene-d10	15.013	164	46367	20.000	ng		0.00
64) Phenanthrene-d10	17.756	188	112932	20.000	ng	#	0.00
76) Chrysene-d12	22.074	240	99258	20.000	ng	#	0.00
86) Perylene-d12	25.605	264	106430	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.914	112	144726	164.297	ng		0.00
7) Phenol-d6	7.535	99	206789	156.960	ng		0.00
23) Nitrobenzene-d5	9.579	82	129286	88.184	ng		0.00
42) 2,4,6-Tribromophenol	16.499	330	110758	149.526	ng		0.00
45) 2-Fluorobiphenyl	13.639	172	310188	90.715	ng		0.00
79) Terphenyl-d14	20.324	244	598420	102.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.711	88	13632	35.303	ng		95
3) Pyridine	4.134	79	40509	32.571	ng		97
4) n-Nitrosodimethylamine	4.046	42	22303	39.003	ng		86
6) Aniline	7.711	93	64699	38.414	ng		98
8) 2-Chlorophenol	7.958	128	46575	53.083	ng		95
9) Benzaldehyde	7.517	77	30312	36.682	ng		90
10) Phenol	7.564	94	68314	52.330	ng		97
11) bis(2-Chloroethyl)ether	7.799	93	44877	48.260	ng		98
12) 1,3-Dichlorobenzene	8.293	146	45553	46.987	ng		99
13) 1,4-Dichlorobenzene	8.440	146	47956	49.011	ng		95
14) 1,2-Dichlorobenzene	8.763	146	45538	48.172	ng		92
15) Benzyl Alcohol	8.634	79	50675	46.291	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.921	45	58606m	52.295	ng		
17) 2-Methylphenol	8.833	107	46864	50.318	ng		91
18) Hexachloroethane	9.503	117	17394	48.636	ng		95
19) n-Nitroso-di-n-propyla...	9.203	70	42555	45.159	ng		98
20) 3+4-Methylphenols	9.162	107	63173	48.508	ng		95
22) Acetophenone	9.233	105	76540	42.878	ng	#	95
24) Nitrobenzene	9.620	77	64182	42.819	ng		97
25) Isophorone	10.143	82	114096	40.868	ng		97
26) 2-Nitrophenol	10.343	139	26662	46.083	ng		90
27) 2,4-Dimethylphenol	10.378	122	49299	48.261	ng		96
28) bis(2-Chloroethoxy)met...	10.619	93	64639	46.247	ng		98
29) 2,4-Dichlorophenol	10.878	162	51414	46.800	ng		97
30) 1,2,4-Trichlorobenzene	11.101	180	51769	44.350	ng		97
31) Naphthalene	11.295	128	142718	43.647	ng		97
32) Benzoic acid	10.525	122	31592m	45.023	ng		
33) 4-Chloroaniline	11.389	127	37310	25.264	ng		97
34) Hexachlorobutadiene	11.565	225	34690	39.563	ng		98
35) Caprolactam	12.152	113	17045m	44.990	ng		
36) 4-Chloro-3-methylphenol	12.481	107	55830	45.443	ng		98
37) 2-Methylnaphthalene	12.869	142	108279	41.724	ng		97
38) 1-Methylnaphthalene	13.086	142	101035	41.462	ng		96
40) 1,2,4,5-Tetrachloroben...	13.227	216	69340	43.125	ng		97
41) Hexachlorocyclopentadiene	13.204	237	96879	109.357	ng		95
43) 2,4,6-Trichlorophenol	13.456	196	48177	46.954	ng		92

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44) 2,4,5-Trichlorophenol	13.533	196	51177	42.103	ng		98
46) 1,1'-Biphenyl	13.850	154	153501	45.225	ng		97
47) 2-Chloronaphthalene	13.903	162	120624	48.051	ng		97
48) 2-Nitroaniline	14.097	65	40598	45.228	ng		90
49) Acenaphthylene	14.743	152	187961	45.572	ng		99
50) Dimethylphthalate	14.449	163	163050	44.630	ng		100
51) 2,6-Dinitrotoluene	14.578	165	37304	47.259	ng		92
52) Acenaphthene	15.078	154	146576m	51.528	ng		
53) 3-Nitroaniline	14.913	138	25600	32.765	ng		87
54) 2,4-Dinitrophenol	15.119	184	47837	107.669	ng		96
55) Dibenzofuran	15.413	168	193423	45.304	ng		96
56) 4-Nitrophenol	15.207	139	57641	99.767	ng		90
57) 2,4-Dinitrotoluene	15.366	165	53863	48.382	ng		89
58) Fluorene	16.053	166	158175	44.772	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.630	232	49083	44.350	ng	#	95
60) Diethylphthalate	15.800	149	171165	46.734	ng		98
61) 4-Chlorophenyl-phenyle...	16.035	204	90151	43.462	ng		99
62) 4-Nitroaniline	16.071	138	37264	46.033	ng		92
63) Azobenzene	16.329	77	164655	45.111	ng		95
65) 4,6-Dinitro-2-methylph...	16.123	198	33497	48.975	ng		99
66) n-Nitrosodiphenylamine	16.247	169	139501	46.016	ng		99
67) 4-Bromophenyl-phenylether	16.928	248	60224	43.099	ng		97
68) Hexachlorobenzene	17.057	284	66912	48.435	ng		97
69) Atrazine	17.181	200	58794	46.721	ng		98
70) Pentachlorophenol	17.398	266	77959	78.660	ng		96
71) Phenanthrene	17.798	178	264443	45.928	ng		99
72) Anthracene	17.886	178	268479	45.486	ng		98
73) Carbazole	18.150	167	232575	45.193	ng	#	93
74) Di-n-butylphthalate	18.673	149	277466	46.561	ng		100
75) Fluoranthene	19.783	202	316192	43.321	ng		97
77) Benzidine	19.948	184	137170	50.559	ng		98
78) Pyrene	20.147	202	317758	46.285	ng		97
80) Butylbenzylphthalate	20.999	149	119949	50.773	ng		92
81) Benzo(a)anthracene	22.051	228	315298	45.904	ng		99
82) 3,3'-Dichlorobenzidine	21.945	252	81360	35.078	ng		100
83) Chrysene	22.121	228	292736	45.518	ng		98
84) Bis(2-ethylhexyl)phtha...	21.898	149	169340	49.502	ng		97
85) Di-n-octyl phthalate	23.208	149	286868	49.762	ng		99
87) Indeno(1,2,3-cd)pyrene	29.682	276	373701	47.510	ng	#	97
88) Benzo(b)fluoranthene	24.471	252	331789	49.853	ng		99
89) Benzo(k)fluoranthene	24.547	252	326292	49.109	ng	#	98
90) Benzo(a)pyrene	25.440	252	288692	44.143	ng	#	99
91) Dibenzo(a,h)anthracene	29.752	278	314810	48.691	ng		98
92) Benzo(g,h,i)perylene	30.974	276	297976	47.067	ng	#	98

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

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