Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
Data File : BG061048.D
Acq On : 29 Apr 2024 15:29
Operator : MA/JU
Sample : PB160581BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 29 16:12:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160581BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	21370	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	90442	20.000	ng	#	0.00
39) Acenaphthene-d10	14.570	164	77274	20.000	ng		0.00
64) Phenanthrene-d10	17.320	188	194856	20.000	ng		0.00
76) Chrysene-d12	21.579	240	186825	20.000	ng		0.00
86) Perylene-d12	24.699	264	218832	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.533	112	159514	150.986	ng		0.00
7) Phenol-d6	7.120	99	213296	136.071	ng		0.01
23) Nitrobenzene-d5	9.100	82	151934	75.477	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	211602	124.701	ng		0.00
45) 2-Fluorobiphenyl	13.195	172	469460	84.082	ng		0.00
79) Terphenyl-d14	19.940	244	1025969	85.242	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	12291	33.615	ng		93
3) Pyridine	3.835	79	34287	30.337	ng		92
4) n-Nitrosodimethylamine	3.747	42	42858	42.162	ng	#	97
6) Aniline	7.267	93	47577	25.254	ng		95
8) 2-Chlorophenol	7.513	128	63137	47.963	ng		95
9) Benzaldehyde	7.079	77	2113	2.621	ng	#	86
10) Phenol	7.143	94	74564	47.878	ng		96
11) bis(2-Chloroethyl)ether	7.361	93	47112	42.282	ng		95
12) 1,3-Dichlorobenzene	7.831	146	64778	44.375	ng		99
13) 1,4-Dichlorobenzene	7.978	146	67166	44.669	ng		95
14) 1,2-Dichlorobenzene	8.295	146	66875	45.508	ng		96
15) Benzyl Alcohol	8.177	79	65885	44.516	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.459	45	110467	45.543	ng		99
17) 2-Methylphenol	8.389	107	53433	42.491	ng		97
18) Hexachloroethane	9.018	117	24609	45.420	ng		88
19) n-Nitroso-di-n-propyla...	8.747	70	45905	39.296	ng		94
20) 3+4-Methylphenols	8.718	107	75101	42.703	ng		99
22) Acetophenone	8.759	105	97457	38.590	ng		97
24) Nitrobenzene	9.141	77	73401	37.947	ng		95
25) Isophorone	9.664	82	130958	38.873	ng		99
26) 2-Nitrophenol	9.852	139	36646	40.310	ng		99
27) 2,4-Dimethylphenol	9.917	122	49569	34.018	ng		98
28) bis(2-Chloroethoxy)met...	10.146	93	71398	40.288	ng		95
29) 2,4-Dichlorophenol	10.392	162	73561	43.740	ng		98
30) 1,2,4-Trichlorobenzene	10.604	180	80270	43.259	ng		96
31) Naphthalene	10.786	128	199729	40.337	ng		98
32) Benzoic acid	10.069	122	51132	46.054	ng		91
33) 4-Chloroaniline	10.898	127	35213	15.655	ng		97
34) Hexachlorobutadiene	11.074	225	69141	42.369	ng		98
35) Caprolactam	11.673	113	22342m	41.709	ng		
36) 4-Chloro-3-methylphenol	12.026	107	83270	42.454	ng		96
37) 2-Methylnaphthalene	12.396	142	150439	38.642	ng		97
38) 1-Methylnaphthalene	12.613	142	141727	39.011	ng		96
40) 1,2,4,5-Tetrachloroben...	12.766	216	123325	44.909	ng		98
41) Hexachlorocyclopentadiene	12.749	237	158346	97.997	ng		99
43) 2,4,6-Trichlorophenol	13.007	196	81933	45.388	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.083	196	89210	41.778	ng		97
46)	1,1'-Biphenyl	13.407	154	225339	43.292	ng		98
47)	2-Chloronaphthalene	13.448	162	171508	42.975	ng		99
48)	2-Nitroaniline	13.647	65	66365	41.203	ng		92
49)	Acenaphthylene	14.294	152	296649	44.135	ng		99
50)	Dimethylphthalate	14.029	163	260145	40.826	ng		99
51)	2,6-Dinitrotoluene	14.147	165	54208	40.771	ng		96
52)	Acenaphthene	14.635	154	164039	40.165	ng		98
53)	3-Nitroaniline	14.476	138	31574	24.083	ng		96
54)	2,4-Dinitrophenol	14.687	184	79386	90.838	ng		98
55)	Dibenzofuran	14.969	168	281970	39.982	ng		98
56)	4-Nitrophenol	14.799	139	83559	88.964	ng		100
57)	2,4-Dinitrotoluene	14.934	165	79838	41.693	ng		98
58)	Fluorene	15.622	166	241741	40.611	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.199	232	89041	41.315	ng	#	98
60)	Diethylphthalate	15.392	149	255923	40.783	ng		99
61)	4-Chlorophenyl-phenyle...	15.616	204	144295	39.304	ng		99
62)	4-Nitroaniline	15.639	138	52022	36.800	ng		97
63)	Azobenzene	15.910	77	203238	39.818	ng		99
65)	4,6-Dinitro-2-methylph...	15.704	198	55776	46.358	ng		98
66)	n-Nitrosodiphenylamine	15.827	169	225536	42.012	ng		98
67)	4-Bromophenyl-phenylether	16.509	248	107791	41.916	ng		98
68)	Hexachlorobenzene	16.626	284	126109	44.396	ng		98
69)	Atrazine	16.779	200	97742	48.647	ng		94
70)	Pentachlorophenol	16.973	266	166576	89.431	ng		97
71)	Phenanthrene	17.361	178	413957	41.620	ng		99
72)	Anthracene	17.455	178	422267	41.223	ng		98
73)	Carbazole	17.719	167	353856	41.594	ng		99
74)	Di-n-butylphthalate	18.289	149	430989	41.727	ng		100
75)	Fluoranthene	19.376	202	539361	40.861	ng		97
77)	Benzidine	19.552	184	128962	37.254	ng		98
78)	Pyrene	19.734	202	547186	43.015	ng		98
80)	Butylbenzylphthalate	20.628	149	177898	41.958	ng		97
81)	Benzo(a)anthracene	21.556	228	568450	43.278	ng		97
82)	3,3'-Dichlorobenzidine	21.474	252	138985	29.279	ng	#	97
83)	Chrysene	21.620	228	537649	42.993	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.479	149	255985	41.527	ng		100
85)	Di-n-octyl phthalate	22.666	149	438107	42.808	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.254	276	704614	46.416	ng		99
88)	Benzo(b)fluoranthene	23.718	252	556936	44.910	ng		99
89)	Benzo(k)fluoranthene	23.783	252	557474	44.531	ng		100
90)	Benzo(a)pyrene	24.558	252	522000	43.488	ng		99
91)	Dibenzo(a,h)anthracene	28.319	278	571752	46.099	ng		98
92)	Benzo(g,h,i)perylene	29.358	276	531579	43.227	ng		96

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

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