Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060242.D
Acq On : 4 Jan 2024 12:57
Operator : MA/JU
Sample : PB158174BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 04 13:30:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158174BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	185765	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	801334	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	627171	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1565747	20.000	ng		0.00
76) Chrysene-d12	21.595	240	1391259	20.000	ng		0.00
86) Perylene-d12	24.768	264	1510573	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	1643110	133.503	ng		0.00
7) Phenol-d6	7.106	99	2414903	132.149	ng		0.00
23) Nitrobenzene-d5	9.104	82	1372235	79.097	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	1127534	134.305	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	3395636	77.814	ng		0.00
79) Terphenyl-d14	19.944	244	5022573	69.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	161822	29.552	ng	#	97
3) Pyridine	3.804	79	424550	27.338	ng		96
4) n-Nitrosodimethylamine	3.722	42	199055	34.359	ng		88
6) Aniline	7.265	93	531096	29.007	ng		99
8) 2-Chlorophenol	7.506	128	534674	45.202	ng		98
9) Benzaldehyde	7.077	77	407224	37.065	ng		94
10) Phenol	7.130	94	862107	46.782	ng		98
11) bis(2-Chloroethyl)ether	7.359	93	593368	39.791	ng		100
12) 1,3-Dichlorobenzene	7.829	146	541804	37.106	ng		99
13) 1,4-Dichlorobenzene	7.976	146	555889	37.657	ng		98
14) 1,2-Dichlorobenzene	8.293	146	554077	38.394	ng		96
15) Benzyl Alcohol	8.176	79	543919m	47.953	ng		
16) 2,2'-oxybis(1-Chloropr...	8.463	45	741208	38.730	ng		99
17) 2-Methylphenol	8.381	107	548078	47.498	ng		99
18) Hexachloroethane	9.022	117	183367	39.441	ng		96
19) n-Nitroso-di-n-propyla...	8.740	70	505537	40.495	ng	#	95
20) 3+4-Methylphenols	8.710	107	761772	46.580	ng		97
22) Acetophenone	8.757	105	936229	39.433	ng		98
24) Nitrobenzene	9.145	77	715723	40.322	ng		98
25) Isophorone	9.662	82	1404882	38.705	ng		99
26) 2-Nitrophenol	9.856	139	295889	47.771	ng		96
27) 2,4-Dimethylphenol	9.915	122	487426	55.555	ng		100
28) bis(2-Chloroethoxy)met...	10.144	93	865629	40.718	ng		98
29) 2,4-Dichlorophenol	10.391	162	668529	48.213	ng		97
30) 1,2,4-Trichlorobenzene	10.602	180	632407	37.471	ng		96
31) Naphthalene	10.796	128	1668605	39.442	ng		99
32) Benzoic acid	10.050	122	379591	48.324	ng		92
33) 4-Chloroaniline	10.902	127	382738	23.165	ng		96
34) Hexachlorobutadiene	11.078	225	354697	35.337	ng		96
35) Caprolactam	11.666	113	222908m	48.326	ng		
36) 4-Chloro-3-methylphenol	12.024	107	675635	47.345	ng		99
37) 2-Methylnaphthalene	12.400	142	1221408	39.971	ng		96
38) 1-Methylnaphthalene	12.623	142	1223137	39.590	ng		99
40) 1,2,4,5-Tetrachloroben...	12.770	216	783922	39.021	ng		99
41) Hexachlorocyclopentadiene	12.747	237	735743	113.305	ng		98
43) 2,4,6-Trichlorophenol	13.005	196	589546	44.657	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	672924	45.565	ng		98
46) 1,1'-Biphenyl	13.411	154	1889734	40.954	ng		99
47) 2-Chloronaphthalene	13.452	162	1571407	39.972	ng		99
48) 2-Nitroaniline	13.657	65	499010	48.570	ng		99
49) Acenaphthylene	14.298	152	2519704	44.483	ng		99
50) Dimethylphthalate	14.028	163	2063712	42.619	ng		99
51) 2,6-Dinitrotoluene	14.151	165	450220	44.701	ng		99
52) Acenaphthene	14.644	154	1429586	40.445	ng		99
53) 3-Nitroaniline	14.480	138	308646	32.522	ng		94
54) 2,4-Dinitrophenol	14.686	184	562576	94.280	ng		98
55) Dibenzofuran	14.979	168	2490193	42.058	ng		98
56) 4-Nitrophenol	14.791	139	777565	108.394	ng		97
57) 2,4-Dinitrotoluene	14.938	165	643387	46.979	ng	#	99
58) Fluorene	15.626	166	2033123	41.868	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.203	232	604412	46.954	ng		98
60) Diethylphthalate	15.396	149	1982488	42.932	ng		99
61) 4-Chlorophenyl-phenyle...	15.620	204	1011225	39.992	ng		99
62) 4-Nitroaniline	15.649	138	452015	45.191	ng		96
63) Azobenzene	15.914	77	2026446	42.328	ng		98
65) 4,6-Dinitro-2-methylph...	15.702	198	378684	48.335	ng		98
66) n-Nitrosodiphenylamine	15.831	169	1817701	43.082	ng		99
67) 4-Bromophenyl-phenylether	16.513	248	657714	39.621	ng		96
68) Hexachlorobenzene	16.630	284	774722	39.804	ng		97
69) Atrazine	16.777	200	550080	35.473	ng		97
70) Pentachlorophenol	16.971	266	992273	92.804	ng		95
71) Phenanthrene	17.371	178	3341847	43.180	ng		99
72) Anthracene	17.459	178	3396641	44.184	ng		98
73) Carbazole	17.729	167	3145282	43.137	ng		98
74) Di-n-butylphthalate	18.287	149	3248506	45.975	ng		99
75) Fluoranthene	19.380	202	3778805	41.626	ng		98
77) Benzidine	19.568	184	1176607	30.557	ng		99
78) Pyrene	19.744	202	3929750	42.019	ng		98
80) Butylbenzylphthalate	20.632	149	1493726	54.168	ng		98
81) Benzo(a)anthracene	21.572	228	3878887	43.850	ng		98
82) 3,3'-Dichlorobenzidine	21.495	252	1310795	40.750	ng		97
83) Chrysene	21.642	228	3693705	42.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.483	149	2222456	53.145	ng		100
85) Di-n-octyl phthalate	22.676	149	3741224	54.654	ng		100
87) Indeno(1,2,3-cd)pyrene	28.387	276	4744612	44.551	ng		99
88) Benzo(b)fluoranthene	23.757	252	4035202	44.452	ng		100
89) Benzo(k)fluoranthene	23.828	252	3957149	43.311	ng		99
90) Benzo(a)pyrene	24.621	252	3631644	44.220	ng		99
91) Dibenzo(a,h)anthracene	28.458	278	3997587	45.684	ng		98
92) Benzo(g,h,i)perylene	29.533	276	3851661	43.456	ng		99

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

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