Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
Data File : BG060223.D
Acq On : 3 Jan 2024 12:10
Operator : MA/JU
Sample : PB158053BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 12:52:19 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 :
PB158053BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	243927	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	1065909	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	816137	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	2026054	20.000	ng	0.00
76) Chrysene-d12	21.593	240	1783602	20.000	ng	0.00
86) Perylene-d12	24.766	264	1908036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	1998980	123.690	ng	0.00
7) Phenol-d6	7.104	99	2873905	119.768	ng	0.00
23) Nitrobenzene-d5	9.102	82	1703348	73.813	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1338010	122.474	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	4074955	71.760	ng	0.00
79) Terphenyl-d14	19.942	244	5593633	60.292	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.409	88	214431	29.823	ng	98
3) Pyridine	3.802	79	549353	26.939	ng	96
4) n-Nitrosodimethylamine	3.720	42	260332	34.222	ng	94
6) Aniline	7.263	93	927595	38.583	ng	97
8) 2-Chlorophenol	7.504	128	679666	43.759	ng	99
9) Benzaldehyde	7.075	77	361734m	25.074	ng	
10) Phenol	7.128	94	1060437	43.824	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	728634	37.211	ng	98
12) 1,3-Dichlorobenzene	7.827	146	691724	36.077	ng	98
13) 1,4-Dichlorobenzene	7.974	146	708087	36.530	ng	96
14) 1,2-Dichlorobenzene	8.291	146	695977	36.727	ng	99
15) Benzyl Alcohol	8.174	79	685498	46.025	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.462	45	1002119	39.877	ng	99
17) 2-Methylphenol	8.379	107	681725	44.993	ng	99
18) Hexachloroethane	9.020	117	240266	39.357	ng	92
19) n-Nitroso-di-n-propyla...	8.738	70	653450	39.862	ng	95
20) 3+4-Methylphenols	8.708	107	955155	44.479	ng	97
22) Acetophenone	8.755	105	1196697	37.893	ng	100
24) Nitrobenzene	9.143	77	888075	37.613	ng	98
25) Isophorone	9.660	82	1771580	36.693	ng	99
26) 2-Nitrophenol	9.854	139	364881	44.287	ng	97
27) 2,4-Dimethylphenol	9.913	122	703476	60.278	ng	99
28) bis(2-Chloroethoxy)met...	10.148	93	1096249	38.767	ng	99
29) 2,4-Dichlorophenol	10.389	162	805987	43.698	ng	98
30) 1,2,4-Trichlorobenzene	10.600	180	813909	36.255	ng	99
31) Naphthalene	10.794	128	2090139	37.143	ng	98
32) Benzoic acid	10.054	122	443681	43.709	ng	91
33) 4-Chloroaniline	10.900	127	553960	25.206	ng	98
34) Hexachlorobutadiene	11.076	225	458156	34.314	ng	97
35) Caprolactam	11.670	113	276466m	45.060	ng	
36) 4-Chloro-3-methylphenol	12.022	107	818783	43.135	ng	100
37) 2-Methylnaphthalene	12.398	142	1581512	38.909	ng	98
38) 1-Methylnaphthalene	12.616	142	1490024	36.258	ng	98
40) 1,2,4,5-Tetrachloroben...	12.768	216	994664	38.048	ng	98
41) Hexachlorocyclopentadiene	12.745	237	1017805	120.451	ng	98
43) 2,4,6-Trichlorophenol	13.003	196	724798	42.190	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	814228	42.368	ng		99
46) 1,1'-Biphenyl	13.409	154	2343985	39.036	ng		99
47) 2-Chloronaphthalene	13.450	162	1925131	37.631	ng		98
48) 2-Nitroaniline	13.655	65	624899	46.741	ng		99
49) Acenaphthylene	14.296	152	2986516	40.517	ng		97
50) Dimethylphthalate	14.031	163	2535443	40.237	ng		99
51) 2,6-Dinitrotoluene	14.149	165	562639	42.929	ng		96
52) Acenaphthene	14.643	154	1765389	38.381	ng		96
53) 3-Nitroaniline	14.484	138	396431	32.101	ng		96
54) 2,4-Dinitrophenol	14.684	184	633915	82.742	ng		98
55) Dibenzofuran	14.977	168	3036839	39.415	ng		99
56) 4-Nitrophenol	14.795	139	911528	97.647	ng		98
57) 2,4-Dinitrotoluene	14.936	165	787279	44.176	ng		96
58) Fluorene	15.624	166	2496946	39.514	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.201	232	756803	45.180	ng		99
60) Diethylphthalate	15.395	149	2478063	41.239	ng		99
61) 4-Chlorophenyl-phenyle...	15.618	204	1279757	38.893	ng		97
62) 4-Nitroaniline	15.647	138	562377	43.206	ng		97
63) Azobenzene	15.912	77	2530884	40.625	ng		96
65) 4,6-Dinitro-2-methylph...	15.700	198	471138	46.473	ng		96
66) n-Nitrosodiphenylamine	15.829	169	2256995	41.340	ng		98
67) 4-Bromophenyl-phenylether	16.511	248	831159	38.694	ng		95
68) Hexachlorobenzene	16.628	284	953084	37.843	ng		97
69) Atrazine	16.781	200	1276096	63.596	ng		100
70) Pentachlorophenol	16.975	266	1116671	80.711	ng		98
71) Phenanthrene	17.369	178	3956445	39.507	ng		97
72) Anthracene	17.457	178	3976387	39.974	ng		95
73) Carbazole	17.727	167	3752160	39.769	ng		97
74) Di-n-butylphthalate	18.285	149	3787395	41.423	ng		96
75) Fluoranthene	19.378	202	4343609	36.977	ng		94
77) Benzidine	19.560	184	1578249	31.972	ng		98
78) Pyrene	19.742	202	4491943	37.465	ng		94
80) Butylbenzylphthalate	20.636	149	1804827	51.052	ng		99
81) Benzo(a)anthracene	21.570	228	4475222	39.463	ng		94
82) 3,3'-Dichlorobenzidine	21.487	252	1406008	34.095	ng		99
83) Chrysene	21.640	228	4205242	38.169	ng		95
84) Bis(2-ethylhexyl)phtha...	21.482	149	2690112	50.177	ng		98
85) Di-n-octyl phthalate	22.674	149	4492876	51.196	ng		99
87) Indeno(1,2,3-cd)pyrene	28.385	276	5777904	42.952	ng	#	93
88) Benzo(b)fluoranthene	23.755	252	4803945	41.897	ng		98
89) Benzo(k)fluoranthene	23.826	252	4887728	42.352	ng		98
90) Benzo(a)pyrene	24.619	252	4392835	42.346	ng		99
91) Dibenzo(a,h)anthracene	28.456	278	4818503	43.595	ng		96
92) Benzo(g,h,i)perylene	29.525	276	4707601	42.049	ng		99

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

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