Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060133.D
Acq On : 22 Dec 2023 11:27
Operator : MA/JU
Sample : PB157953BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 22 12:10:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157953BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	249597	20.000	ng		0.00
21) Naphthalene-d8	10.750	136	1224486	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	981919	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	2397314	20.000	ng		0.00
76) Chrysene-d12	21.596	240	1514628	20.000	ng		0.00
86) Perylene-d12	24.769	264	1489823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	2177367	137.457	ng		0.00
7) Phenol-d6	7.113	99	3295281	123.611	ng		0.00
23) Nitrobenzene-d5	9.105	82	1967375	78.708	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	1518836	114.882	ng		0.00
45) 2-Fluorobiphenyl	13.206	172	4595351	70.272	ng		0.00
79) Terphenyl-d14	19.951	244	5774717	68.991	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	181377	27.403	ng		99
3) Pyridine	3.805	79	502448	23.488	ng		98
4) n-Nitrosodimethylamine	3.723	42	314228	32.334	ng		93
6) Aniline	7.266	93	992814	35.664	ng		99
8) 2-Chlorophenol	7.506	128	801167	45.646	ng		97
9) Benzaldehyde	7.078	77	310940m	21.025	ng		
10) Phenol	7.136	94	1223932	45.948	ng		99
11) bis(2-Chloroethyl)ether	7.360	93	804859	38.488	ng		96
12) 1,3-Dichlorobenzene	7.830	146	719531	36.680	ng		95
13) 1,4-Dichlorobenzene	7.976	146	751145	37.019	ng		94
14) 1,2-Dichlorobenzene	8.294	146	765852	37.482	ng		98
15) Benzyl Alcohol	8.182	79	830394	42.433	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.470	45	1403601	36.083	ng		95
17) 2-Methylphenol	8.382	107	814622	44.076	ng		95
18) Hexachloroethane	9.022	117	247224	36.713	ng		97
19) n-Nitroso-di-n-propyla...	8.746	70	769601	37.127	ng		99
20) 3+4-Methylphenols	8.717	107	1146669	43.216	ng		96
22) Acetophenone	8.764	105	1400085	40.089	ng	#	96
24) Nitrobenzene	9.146	77	1018379	39.426	ng		96
25) Isophorone	9.669	82	2165254	35.544	ng		98
26) 2-Nitrophenol	9.857	139	443555	43.352	ng		97
27) 2,4-Dimethylphenol	9.915	122	888701	63.103	ng		94
28) bis(2-Chloroethoxy)met...	10.150	93	1294971	40.484	ng		97
29) 2,4-Dichlorophenol	10.391	162	987080	46.982	ng		96
30) 1,2,4-Trichlorobenzene	10.609	180	889027	39.418	ng		100
31) Naphthalene	10.797	128	2487846	38.166	ng		98
32) Benzoic acid	10.092	122	699938m	44.439	ng		
33) 4-Chloroaniline	10.902	127	754601	26.785	ng		94
34) Hexachlorobutadiene	11.079	225	488193	38.771	ng		92
35) Caprolactam	11.701	113	359393m	32.746	ng		
36) 4-Chloro-3-methylphenol	12.031	107	1048707	41.785	ng		97
37) 2-Methylnaphthalene	12.407	142	1948504	38.516	ng		99
38) 1-Methylnaphthalene	12.624	142	1867209	36.768	ng		99
40) 1,2,4,5-Tetrachloroben...	12.771	216	1118007	43.480	ng		99
41) Hexachlorocyclopentadiene	12.753	237	906308	104.191	ng		96
43) 2,4,6-Trichlorophenol	13.012	196	874041	45.567	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	969569	44.569	ng		96
46) 1,1'-Biphenyl	13.417	154	2834900	39.733	ng		95
47) 2-Chloronaphthalene	13.458	162	2312742	39.533	ng		98
48) 2-Nitroaniline	13.664	65	787377	41.251	ng		98
49) Acenaphthylene	14.304	152	3578918	39.138	ng		94
50) Dimethylphthalate	14.040	163	3098535	35.877	ng		98
51) 2,6-Dinitrotoluene	14.157	165	704563	40.783	ng		96
52) Acenaphthene	14.645	154	2196967	39.066	ng		97
53) 3-Nitroaniline	14.492	138	591574	32.231	ng		94
54) 2,4-Dinitrophenol	14.698	184	854057	75.358	ng		98
55) Dibenzofuran	14.980	168	3562812	37.616	ng		93
56) 4-Nitrophenol	14.810	139	1211339	79.496	ng		99
57) 2,4-Dinitrotoluene	14.951	165	980671	38.671	ng		96
58) Fluorene	15.632	166	2967420	37.030	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.203	232	892452	45.683	ng		96
60) Diethylphthalate	15.403	149	3144385	33.706	ng		95
61) 4-Chlorophenyl-phenyle...	15.620	204	1498142	39.214	ng		99
62) 4-Nitroaniline	15.662	138	724781	33.639	ng		98
63) Azobenzene	15.920	77	3076430	36.943	ng		96
65) 4,6-Dinitro-2-methylph...	15.709	198	604693	46.610	ng		97
66) n-Nitrosodiphenylamine	15.844	169	2756412	43.591	ng		97
67) 4-Bromophenyl-phenylether	16.519	248	991409	43.897	ng		95
68) Hexachlorobenzene	16.631	284	1091311	42.199	ng		96
69) Atrazine	16.796	200	1346456	57.221	ng		98
70) Pentachlorophenol	16.978	266	1339776	83.681	ng		96
71) Phenanthrene	17.377	178	4556685	37.723	ng	#	89
72) Anthracene	17.465	178	4627262	38.053	ng	#	89
73) Carbazole	17.736	167	4385313	33.970	ng		93
74) Di-n-butylphthalate	18.294	149	4560657	29.795	ng	#	93
75) Fluoranthene	19.387	202	4838166	30.511	ng		89
77) Benzidine	19.563	184	952722	23.265	ng		99
78) Pyrene	19.751	202	4860870	42.041	ng		92
80) Butylbenzylphthalate	20.638	149	1691664	43.653	ng		99
81) Benzo(a)anthracene	21.578	228	4058919	40.333	ng		96
82) 3,3'-Dichlorobenzidine	21.496	252	1399602	46.911	ng		100
83) Chrysene	21.643	228	3779799	40.004	ng		95
84) Bis(2-ethylhexyl)phtha...	21.484	149	2481356	48.043	ng	#	96
85) Di-n-octyl phthalate	22.683	149	4203659	48.844	ng		97
87) Indeno(1,2,3-cd)pyrene	28.400	276	4806509	46.223	ng		99
88) Benzo(b)fluoranthene	23.764	252	4212002	44.709	ng		98
89) Benzo(k)fluoranthene	23.834	252	4071747	44.101	ng		97
90) Benzo(a)pyrene	24.628	252	3676102	44.289	ng		98
91) Dibenzo(a,h)anthracene	28.470	278	4093876	47.676	ng		98
92) Benzo(g,h,i)perylene	29.545	276	3994997	46.054	ng		96

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

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