Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060029.D
Acq On : 15 Dec 2023 10:25
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 11:00:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	59161	20.000	ng		0.00
21) Naphthalene-d8	10.762	136	218865	20.000	ng	#	0.00
39) Acenaphthene-d10	14.593	164	181396	20.000	ng		0.00
64) Phenanthrene-d10	17.343	188	584235	20.000	ng		0.00
76) Chrysene-d12	21.614	240	768740	20.000	ng	#	0.00
86) Perylene-d12	24.799	264	907117	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	303782	87.901	ng		0.00
7) Phenol-d6	7.113	99	376543	77.456	ng		0.00
23) Nitrobenzene-d5	9.117	82	388693	80.643	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	362471	85.744	ng		0.00
45) 2-Fluorobiphenyl	13.218	172	1191429	80.387	ng		0.00
79) Terphenyl-d14	19.963	244	3395700	80.646	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	75189	45.978	ng		89
3) Pyridine	3.829	79	234489	51.200	ng		96
4) n-Nitrosodimethylamine	3.747	42	95357	42.329	ng	#	83
6) Aniline	7.284	93	194007	39.181	ng		98
8) 2-Chlorophenol	7.519	128	127029	38.788	ng		98
9) Benzaldehyde	7.096	77	112147	37.940	ng		98
10) Phenol	7.137	94	193420	39.606	ng		97
11) bis(2-Chloroethyl)ether	7.378	93	127899	36.583	ng		92
12) 1,3-Dichlorobenzene	7.848	146	176582	40.321	ng		92
13) 1,4-Dichlorobenzene	7.995	146	187009	41.036	ng		98
14) 1,2-Dichlorobenzene	8.312	146	181099	41.305	ng		99
15) Benzyl Alcohol	8.189	79	162408	41.567	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.482	45	267082m	42.691	ng		
17) 2-Methylphenol	8.388	107	129557	39.792	ng		91
18) Hexachloroethane	9.041	117	54223	39.278	ng		90
19) n-Nitroso-di-n-propyla...	8.764	70	127581	40.677	ng	#	90
20) 3+4-Methylphenols	8.723	107	185170	40.716	ng		98
22) Acetophenone	8.776	105	249919	39.185	ng	#	96
24) Nitrobenzene	9.164	77	201634	41.205	ng		93
25) Isophorone	9.681	82	372322	40.360	ng		98
26) 2-Nitrophenol	9.869	139	81757	45.430	ng		96
27) 2,4-Dimethylphenol	9.928	122	102589	41.587	ng		96
28) bis(2-Chloroethoxy)met...	10.169	93	183387	38.503	ng		97
29) 2,4-Dichlorophenol	10.404	162	189371	42.742	ng		92
30) 1,2,4-Trichlorobenzene	10.621	180	243267	40.564	ng		99
31) Naphthalene	10.809	128	472246	41.448	ng		99
32) Benzoic acid	10.039	122	107937	48.102	ng		91
33) 4-Chloroaniline	10.915	127	187092	43.156	ng		97
34) Hexachlorobutadiene	11.097	225	216904	39.517	ng		91
35) Caprolactam	11.690	113	48427	43.027	ng	#	80
36) 4-Chloro-3-methylphenol	12.037	107	166625	41.352	ng		99
37) 2-Methylnaphthalene	12.419	142	361228	40.423	ng		99
38) 1-Methylnaphthalene	12.636	142	360079	40.792	ng		95
40) 1,2,4,5-Tetrachloroben...	12.783	216	371198	39.252	ng		99
41) Hexachlorocyclopentadiene	12.766	237	154363	39.507	ng		91
43) 2,4,6-Trichlorophenol	13.024	196	207803	39.191	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	243062	42.145	ng		95
46) 1,1'-Biphenyl	13.430	154	546670	40.637	ng		99
47) 2-Chloronaphthalene	13.471	162	465641	39.968	ng		98
48) 2-Nitroaniline	13.670	65	120088	47.750	ng		91
49) Acenaphthylene	14.317	152	676780	42.468	ng		98
50) Dimethylphthalate	14.047	163	590135	41.912	ng		100
51) 2,6-Dinitrotoluene	14.164	165	127733	43.794	ng		93
52) Acenaphthene	14.658	154	462996	42.206	ng		94
53) 3-Nitroaniline	14.499	138	111882	48.004	ng		91
54) 2,4-Dinitrophenol	14.693	184	106703	49.654	ng		92
55) Dibenzofuran	14.992	168	744734	41.710	ng		100
56) 4-Nitrophenol	14.793	139	94510	48.249	ng		98
57) 2,4-Dinitrotoluene	14.951	165	191058	46.599	ng	#	97
58) Fluorene	15.645	166	642330	42.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.216	232	257257	42.851	ng		99
60) Diethylphthalate	15.416	149	570205	44.013	ng		99
61) 4-Chlorophenyl-phenyle...	15.633	204	455054	41.966	ng		95
62) 4-Nitroaniline	15.662	138	120019	47.290	ng		99
63) Azobenzene	15.927	77	537719	42.098	ng		98
65) 4,6-Dinitro-2-methylph...	15.715	198	164706	44.964	ng		92
66) n-Nitrosodiphenylamine	15.850	169	584630	40.962	ng		98
67) 4-Bromophenyl-phenylether	16.532	248	322164	39.083	ng		96
68) Hexachlorobenzene	16.643	284	380789	39.516	ng	#	96
69) Atrazine	16.796	200	194488	38.707	ng		98
70) Pentachlorophenol	16.984	266	278516	44.615	ng		97
71) Phenanthrene	17.384	178	1166446	41.219	ng		99
72) Anthracene	17.478	178	1199103	42.143	ng		97
73) Carbazole	17.742	167	1038797	42.964	ng		98
74) Di-n-butylphthalate	18.312	149	971172	44.030	ng		100
75) Fluoranthene	19.399	202	1793567	43.433	ng		99
77) Benzidine	19.581	184	688277	69.704	ng		99
78) Pyrene	19.763	202	1859153	39.896	ng		99
80) Butylbenzylphthalate	20.656	149	400659	47.873	ng		94
81) Benzo(a)anthracene	21.596	228	2122972	41.112	ng		99
82) 3,3'-Dichlorobenzidine	21.514	252	737471	43.401	ng		99
83) Chrysene	21.661	228	2031599	41.527	ng		99
84) Bis(2-ethylhexyl)phtha...	21.514	149	594013	46.827	ng		98
85) Di-n-octyl phthalate	22.719	149	1012899	46.161	ng		99
87) Indeno(1,2,3-cd)pyrene	28.436	276	2655458	41.018	ng		93
88) Benzo(b)fluoranthene	23.788	252	2290115	40.878	ng		100
89) Benzo(k)fluoranthene	23.859	252	2194617	40.386	ng		99
90) Benzo(a)pyrene	24.652	252	2019014	40.677	ng		98
91) Dibenzo(a,h)anthracene	28.512	278	2272473	41.978	ng		98
92) Benzo(g,h,i)perylene	29.581	276	2193008	40.726	ng		98

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

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