Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
Data File : BG055436.D
Acq On : 3 Nov 2022 13:46
Operator : CG/JU
Sample : PB148724BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 03 16:09:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148724BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	25346	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	116933	20.000	ng	0.00
39) Acenaphthene-d10	14.853	164	88959	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	208757	20.000	ng	0.00
76) Chrysene-d12	21.862	240	195381	20.000	ng	0.00
86) Perylene-d12	25.235	264	212428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	228538	161.927	ng	0.00
7) Phenol-d6	7.385	99	308867	157.810	ng	0.00
23) Nitrobenzene-d5	9.412	82	180808	82.407	ng	0.00
42) 2,4,6-Tribromophenol	16.334	330	174585	143.878	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	487097	81.183	ng	0.00
79) Terphenyl-d14	20.164	244	896577	89.232	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.554	88	19797	30.925	ng	95
3) Pyridine	3.983	79	56837	29.917	ng	99
4) n-Nitrosodimethylamine	3.889	42	31112	41.454	ng	99
6) Aniline	7.550	93	113670	44.778	ng	99
8) 2-Chlorophenol	7.796	128	87449	50.996	ng	99
9) Benzaldehyde	7.362	77	37880	32.920	ng	99
10) Phenol	7.415	94	111624	50.388	ng	98
11) bis(2-Chloroethyl)ether	7.644	93	72639	43.828	ng	96
12) 1,3-Dichlorobenzene	8.125	146	85003	43.733	ng	97
13) 1,4-Dichlorobenzene	8.272	146	86215	43.551	ng	98
14) 1,2-Dichlorobenzene	8.596	146	85032	44.875	ng	98
15) Benzyl Alcohol	8.472	79	77810	49.847	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.760	45	95691	43.396	ng	99
17) 2-Methylphenol	8.678	107	79141	49.652	ng	99
18) Hexachloroethane	9.330	117	28780	42.616	ng	96
19) n-Nitroso-di-n-propyla...	9.042	70	66117	43.232	ng	99
20) 3+4-Methylphenols	9.007	107	109419	48.314	ng	97
22) Acetophenone	9.066	105	132044	43.082	ng	99
24) Nitrobenzene	9.453	77	94201	41.181	ng	98
25) Isophorone	9.976	82	189354	43.577	ng	99
26) 2-Nitrophenol	10.170	139	52188	44.307	ng	99
27) 2,4-Dimethylphenol	10.217	122	86785	52.547	ng	98
28) bis(2-Chloroethoxy)met...	10.452	93	107322	46.371	ng	98
29) 2,4-Dichlorophenol	10.711	162	95642	47.473	ng	96
30) 1,2,4-Trichlorobenzene	10.922	180	89710	41.121	ng	98
31) Naphthalene	11.116	128	270926	41.151	ng	99
32) Benzoic acid	10.388	122	42512m	43.535	ng	
33) 4-Chloroaniline	11.222	127	92506	33.816	ng	99
34) Hexachlorobutadiene	11.392	225	55132	40.656	ng	97
35) Caprolactam	11.997	113	34661m	46.467	ng	
36) 4-Chloro-3-methylphenol	12.326	107	104584	47.411	ng	99
37) 2-Methylnaphthalene	12.702	142	203251	42.029	ng	99
38) 1-Methylnaphthalene	12.920	142	195735	41.498	ng	99
40) 1,2,4,5-Tetrachloroben...	13.061	216	111175	42.306	ng	99
41) Hexachlorocyclopentadiene	13.037	237	123069	96.663	ng	94
43) 2,4,6-Trichlorophenol	13.302	196	80984	44.254	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.378	196	89912	44.110	ng		98
46) 1,1'-Biphenyl	13.690	154	284505	43.463	ng		100
47) 2-Chloronaphthalene	13.742	162	220133	41.852	ng		99
48) 2-Nitroaniline	13.942	65	69590	43.075	ng		99
49) Acenaphthylene	14.583	152	363477	42.085	ng		100
50) Dimethylphthalate	14.301	163	312744	42.117	ng		99
51) 2,6-Dinitrotoluene	14.424	165	68452	44.034	ng		95
52) Acenaphthene	14.918	154	213180	41.473	ng		98
53) 3-Nitroaniline	14.759	138	60705	34.744	ng		95
54) 2,4-Dinitrophenol	14.970	184	80522	85.331	ng		99
55) Dibenzofuran	15.247	168	360148	42.330	ng		100
56) 4-Nitrophenol	15.070	139	113664	94.878	ng		97
57) 2,4-Dinitrotoluene	15.211	165	99643	44.828	ng		98
58) Fluorene	15.893	166	291609	42.191	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.476	232	80006	43.652	ng		98
60) Diethylphthalate	15.646	149	324995	42.115	ng		99
61) 4-Chlorophenyl-phenyle...	15.875	204	154527	43.244	ng		98
62) 4-Nitroaniline	15.922	138	77260	41.796	ng		96
63) Azobenzene	16.169	77	266984	41.621	ng		99
65) 4,6-Dinitro-2-methylph...	15.975	198	58925	43.820	ng		98
66) n-Nitrosodiphenylamine	16.093	169	267824	43.152	ng		98
67) 4-Bromophenyl-phenylether	16.768	248	107355	43.504	ng		99
68) Hexachlorobenzene	16.898	284	123022	43.716	ng		97
69) Atrazine	17.027	200	111521	53.521	ng		99
70) Pentachlorophenol	17.244	266	120852	82.707	ng		97
71) Phenanthrene	17.632	178	498140	42.423	ng		100
72) Anthracene	17.720	178	501480	43.571	ng		99
73) Carbazole	17.990	167	471974	44.076	ng		100
74) Di-n-butylphthalate	18.513	149	569463	42.580	ng		100
75) Fluoranthene	19.624	202	594440	42.086	ng		99
77) Benzidine	19.794	184	322721	79.337	ng		100
78) Pyrene	19.982	202	598732	43.439	ng		99
80) Butylbenzylphthalate	20.834	149	248616	43.264	ng		98
81) Benzo(a)anthracene	21.839	228	575223	42.888	ng		100
82) 3,3'-Dichlorobenzidine	21.745	252	188484	40.981	ng		98
83) Chrysene	21.909	228	540602	42.249	ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	365666	43.776	ng		100
85) Di-n-octyl phthalate	22.955	149	615493	43.004	ng		99
87) Indeno(1,2,3-cd)pyrene	29.124	276	727935	42.680	ng	#	92
88) Benzo(b)fluoranthene	24.160	252	631848	46.826	ng		99
89) Benzo(k)fluoranthene	24.230	252	596512	43.991	ng		100
90) Benzo(a)pyrene	25.076	252	553319	47.425	ng		99
91) Dibenzo(a,h)anthracene	29.177	278	631969	44.912	ng		98
92) Benzo(g,h,i)perylene	30.346	276	623184	44.530	ng		98

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

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