Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055763.D
Acq On : 23 Nov 2022 20:16
Operator : CG/JU
Sample : PB149128BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 06:09:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149128BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.237	152	28095	20.000	ng		0.00
21) Naphthalene-d8	11.069	136	125795	20.000	ng		0.00
39) Acenaphthene-d10	14.864	164	100509	20.000	ng		0.00
64) Phenanthrene-d10	17.602	188	243510	20.000	ng		0.00
76) Chrysene-d12	21.897	240	234950	20.000	ng		0.00
86) Perylene-d12	25.299	264	248856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.769	112	246808	158.786	ng		0.00
7) Phenol-d6	7.385	99	327348	158.210	ng		0.00
23) Nitrobenzene-d5	9.412	82	199153	83.677	ng		0.00
42) 2,4,6-Tribromophenol	16.345	330	203141	143.532	ng		0.00
45) 2-Fluorobiphenyl	13.484	172	547736	81.642	ng		0.00
79) Terphenyl-d14	20.188	244	1054342	89.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.595	88	23774	35.791	ng		98
3) Pyridine	4.007	79	67030	32.894	ng		98
4) n-Nitrosodimethylamine	3.918	42	44938	41.653	ng		94
6) Aniline	7.549	93	90150	34.689	ng		99
8) 2-Chlorophenol	7.796	128	93358	52.540	ng		98
9) Benzaldehyde	7.361	77	50016	35.594	ng		97
10) Phenol	7.414	94	119298	51.494	ng		99
11) bis(2-Chloroethyl)ether	7.643	93	80238	45.193	ng		98
12) 1,3-Dichlorobenzene	8.125	146	92696	44.371	ng		95
13) 1,4-Dichlorobenzene	8.272	146	92375	43.758	ng		99
14) 1,2-Dichlorobenzene	8.595	146	91711	45.335	ng		96
15) Benzyl Alcohol	8.472	79	84057m	49.987	ng		
16) 2,2'-oxybis(1-Chloropr...	8.760	45	145783	45.358	ng		99
17) 2-Methylphenol	8.678	107	84311	51.259	ng		98
18) Hexachloroethane	9.330	117	32803	45.146	ng		98
19) n-Nitroso-di-n-propyla...	9.042	70	73426	46.187	ng		98
20) 3+4-Methylphenols	9.001	107	119197	51.878	ng		99
22) Acetophenone	9.065	105	140491	42.980	ng	#	99
24) Nitrobenzene	9.453	77	106064	42.665	ng		99
25) Isophorone	9.970	82	209258	46.404	ng		98
26) 2-Nitrophenol	10.170	139	54577	47.557	ng		96
27) 2,4-Dimethylphenol	10.217	122	98468m	56.376	ng		
28) bis(2-Chloroethoxy)met...	10.452	93	119585	49.397	ng		99
29) 2,4-Dichlorophenol	10.710	162	106238	50.818	ng		99
30) 1,2,4-Trichlorobenzene	10.922	180	104416	42.991	ng		99
31) Naphthalene	11.116	128	287387	42.261	ng		99
32) Benzoic acid	10.364	122	57775	40.205	ng		97
33) 4-Chloroaniline	11.216	127	45141	16.092	ng		100
34) Hexachlorobutadiene	11.392	225	70571	42.553	ng		98
35) Caprolactam	11.991	113	35896m	49.618	ng		
36) 4-Chloro-3-methylphenol	12.326	107	116895	50.874	ng		98
37) 2-Methylnaphthalene	12.708	142	223662	43.927	ng		100
38) 1-Methylnaphthalene	12.920	142	212314	42.953	ng		98
40) 1,2,4,5-Tetrachloroben...	13.067	216	134809	42.681	ng		99
41) Hexachlorocyclopentadiene	13.043	237	157910	99.195	ng		99
43) 2,4,6-Trichlorophenol	13.302	196	95730	44.431	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.378	196	105364	44.500	ng		97
46) 1,1'-Biphenyl	13.695	154	314631	42.957	ng		98
47) 2-Chloronaphthalene	13.748	162	238966	41.976	ng		98
48) 2-Nitroaniline	13.942	65	81852	43.732	ng		97
49) Acenaphthylene	14.588	152	403653	43.058	ng		99
50) Dimethylphthalate	14.306	163	348291	43.470	ng		98
51) 2,6-Dinitrotoluene	14.430	165	75586	46.139	ng		98
52) Acenaphthene	14.929	154	295410m	48.215	ng		
53) 3-Nitroaniline	14.759	138	40011	22.248	ng		97
54) 2,4-Dinitrophenol	14.970	184	93038	98.775	ng		99
55) Dibenzofuran	15.258	168	404993	42.848	ng		99
56) 4-Nitrophenol	15.070	139	122698	86.929	ng		98
57) 2,4-Dinitrotoluene	15.217	165	109243	47.296	ng		94
58) Fluorene	15.904	166	324710	43.013	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.481	232	102859	44.834	ng		98
60) Diethylphthalate	15.658	149	349361	43.128	ng		99
61) 4-Chlorophenyl-phenyle...	15.887	204	184970	44.574	ng		98
62) 4-Nitroaniline	15.922	138	77447	41.197	ng		99
63) Azobenzene	16.181	77	300836	42.539	ng		99
65) 4,6-Dinitro-2-methylph...	15.981	198	65811	48.400	ng		94
66) n-Nitrosodiphenylamine	16.104	169	299788	44.672	ng		100
67) 4-Bromophenyl-phenylether	16.780	248	124307	44.803	ng		99
68) Hexachlorobenzene	16.909	284	139542	45.358	ng		98
69) Atrazine	17.038	200	128577	48.444	ng		98
70) Pentachlorophenol	17.250	266	160008	85.021	ng		98
71) Phenanthrene	17.649	178	562019	42.769	ng		99
72) Anthracene	17.738	178	572119	44.809	ng		100
73) Carbazole	18.002	167	512744	44.671	ng		99
74) Di-n-butylphthalate	18.537	149	614931	43.145	ng		100
75) Fluoranthene	19.641	202	682914	42.717	ng		100
77) Benzidine	19.812	184	205951	37.890	ng		98
78) Pyrene	20.005	202	691492	43.481	ng		100
80) Butylbenzylphthalate	20.869	149	268755	43.168	ng		98
81) Benzo(a)anthracene	21.880	228	684481	42.298	ng		99
82) 3,3'-Dichlorobenzidine	21.780	252	162987	28.663	ng		97
83) Chrysene	21.950	228	649486	42.159	ng		99
84) Bis(2-ethylhexyl)phtha...	21.750	149	384564	42.981	ng		99
85) Di-n-octyl phthalate	23.014	149	661793	43.221	ng		100
87) Indeno(1,2,3-cd)pyrene	29.212	276	822038	40.322	ng	#	95
88) Benzo(b)fluoranthene	24.212	252	728715	44.963	ng		99
89) Benzo(k)fluoranthene	24.283	252	705020	43.641	ng		99
90) Benzo(a)pyrene	25.141	252	637954	45.871	ng		99
91) Dibenzo(a,h)anthracene	29.283	278	703068	42.202	ng		98
92) Benzo(g,h,i)perylene	30.452	276	684949	40.793	ng		97

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

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