Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
Data File : BG057166.D
Acq On : 25 Apr 2023 00:53
Operator : CG/JU
Sample : PB152297BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 25 05:21:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152297BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.384	152	18422	20.000	ng		0.00
21) Naphthalene-d8	11.227	136	76101	20.000	ng		0.00
39) Acenaphthene-d10	14.998	164	57497	20.000	ng		0.00
64) Phenanthrene-d10	17.741	188	142342	20.000	ng		0.00
76) Chrysene-d12	22.053	240	130105	20.000	ng		0.00
86) Perylene-d12	25.572	264	136284	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.899	112	167967	165.229	ng		0.00
7) Phenol-d6	7.526	99	242087	164.591	ng		0.00
23) Nitrobenzene-d5	9.564	82	153096	99.454	ng		0.00
42) 2,4,6-Tribromophenol	16.484	330	103324	136.199	ng		0.00
45) 2-Fluorobiphenyl	13.624	172	370495	86.598	ng		0.00
79) Terphenyl-d14	20.309	244	716991	96.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.696	88	17561	38.551	ng		89
3) Pyridine	4.119	79	51193	37.039	ng		90
4) n-Nitrosodimethylamine	4.031	42	29616	59.402	ng		80
6) Aniline	7.696	93	75875	39.502	ng		95
8) 2-Chlorophenol	7.943	128	58708	55.128	ng		97
9) Benzaldehyde	7.508	77	41990	47.663	ng		93
10) Phenol	7.549	94	83327	57.055	ng		96
11) bis(2-Chloroethyl)ether	7.784	93	56015	48.876	ng		93
12) 1,3-Dichlorobenzene	8.272	146	58660	46.499	ng		96
13) 1,4-Dichlorobenzene	8.419	146	60931	47.925	ng		95
14) 1,2-Dichlorobenzene	8.748	146	58372	47.552	ng		96
15) Benzyl Alcohol	8.619	79	61955	57.165	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.906	45	75172m	49.612	ng		
17) 2-Methylphenol	8.818	107	54894	51.364	ng		94
18) Hexachloroethane	9.488	117	21485	49.813	ng		91
19) n-Nitroso-di-n-propyla...	9.188	70	53367	58.334	ng		92
20) 3+4-Methylphenols	9.147	107	76668	52.420	ng		96
22) Acetophenone	9.218	105	97289	47.126	ng	#	93
24) Nitrobenzene	9.605	77	78640	50.881	ng		95
25) Isophorone	10.128	82	145018	49.114	ng		99
26) 2-Nitrophenol	10.322	139	30066	52.070	ng	#	89
27) 2,4-Dimethylphenol	10.363	122	59104	53.257	ng		98
28) bis(2-Chloroethoxy)met...	10.604	93	78036	50.417	ng		97
29) 2,4-Dichlorophenol	10.863	162	62012	50.160	ng		97
30) 1,2,4-Trichlorobenzene	11.080	180	66460	43.962	ng		94
31) Naphthalene	11.280	128	180667	44.697	ng		99
32) Benzoic acid	10.498	122	25892	49.511	ng		97
33) 4-Chloroaniline	11.374	127	45510	25.608	ng		98
34) Hexachlorobutadiene	11.550	225	47385	42.508	ng		99
35) Caprolactam	12.143	113	19163m	55.979	ng		
36) 4-Chloro-3-methylphenol	12.472	107	67947	51.090	ng		95
37) 2-Methylnaphthalene	12.854	142	136419	42.888	ng		95
38) 1-Methylnaphthalene	13.071	142	127337	43.361	ng		97
40) 1,2,4,5-Tetrachloroben...	13.212	216	90046	42.800	ng	#	97
41) Hexachlorocyclopentadiene	13.189	237	97935	107.138	ng		99
43) 2,4,6-Trichlorophenol	13.441	196	56909	49.964	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.524	196	60610	44.078	ng	97
46) 1,1'-Biphenyl	13.835	154	194736	45.438	ng	99
47) 2-Chloronaphthalene	13.888	162	147819	45.699	ng	97
48) 2-Nitroaniline	14.082	65	43665	53.442	ng	92
49) Acenaphthylene	14.728	152	232702	45.318	ng	99
50) Dimethylphthalate	14.434	163	196268	48.638	ng	99
51) 2,6-Dinitrotoluene	14.563	165	42408	50.348	ng	93
52) Acenaphthene	15.063	154	169957m	50.660	ng	
53) 3-Nitroaniline	14.898	138	25665	30.685	ng	93
54) 2,4-Dinitrophenol	15.104	184	46272	95.552	ng	89
55) Dibenzofuran	15.398	168	238312	43.841	ng	97
56) 4-Nitrophenol	15.198	139	64568	109.674	ng	87
57) 2,4-Dinitrotoluene	15.351	165	59374	51.761	ng	92
58) Fluorene	16.044	166	195926	44.768	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	57369	48.706	ng	98
60) Diethylphthalate	15.785	149	193848	49.836	ng	99
61) 4-Chlorophenyl-phenyle...	16.020	204	115022	43.789	ng	97
62) 4-Nitroaniline	16.056	138	41515	49.293	ng	89
63) Azobenzene	16.314	77	208789	50.459	ng	97
65) 4,6-Dinitro-2-methylph...	16.114	198	36376	49.112	ng	96
66) n-Nitrosodiphenylamine	16.232	169	171963	46.300	ng	98
67) 4-Bromophenyl-phenylether	16.913	248	73055	42.678	ng	97
68) Hexachlorobenzene	17.042	284	77492	44.136	ng	96
69) Atrazine	17.166	200	73693	62.121	ng	96
70) Pentachlorophenol	17.383	266	79013	95.759	ng	97
71) Phenanthrene	17.783	178	334543	46.038	ng	100
72) Anthracene	17.877	178	338473	46.066	ng	99
73) Carbazole	18.141	167	299262	48.251	ng	99
74) Di-n-butylphthalate	18.658	149	299110	51.846	ng	99
75) Fluoranthene	19.774	202	413361	45.787	ng	99
77) Benzidine	19.939	184	146418	74.684	ng	98
78) Pyrene	20.132	202	421251	47.688	ng	99
80) Butylbenzylphthalate	20.990	149	117637	50.918	ng	98
81) Benzo(a)anthracene	22.036	228	423159	47.304	ng	100
82) 3,3'-Dichlorobenzidine	21.930	252	89766	38.341	ng	99
83) Chrysene	22.106	228	387637	44.935	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	172484	47.368	ng	100
85) Di-n-octyl phthalate	23.187	149	301853	51.729	ng	98
87) Indeno(1,2,3-cd)pyrene	29.649	276	480067	49.176	ng	98
88) Benzo(b)fluoranthene	24.450	252	423053	49.521	ng	97
89) Benzo(k)fluoranthene	24.521	252	421362	47.683	ng	97
90) Benzo(a)pyrene	25.413	252	374255	44.478	ng	99
91) Dibenzo(a,h)anthracene	29.708	278	399172	49.245	ng	96
92) Benzo(g,h,i)perylene	30.930	276	384782	47.978	ng	98

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

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