Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
Data File : BG053532.D
Acq On : 12 May 2022 16:07
Operator : CG/JU
Sample : PB144721BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 13 06:36:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144721BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	24116	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	107714	20.000	ng		0.00
39) Acenaphthene-d10	14.710	164	86216	20.000	ng		0.00
64) Phenanthrene-d10	17.453	188	216372	20.000	ng		0.00
76) Chrysene-d12	21.736	240	206196	20.000	ng		0.00
86) Perylene-d12	25.014	264	212650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	201761	141.987	ng		0.00
7) Phenol-d6	7.250	99	291057	134.963	ng		0.00
23) Nitrobenzene-d5	9.247	82	200659	79.300	ng		0.00
42) 2,4,6-Tribromophenol	16.202	330	159059	125.087	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	469646	79.601	ng		0.00
79) Terphenyl-d14	20.062	244	957292	86.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.525	88	29454	39.505	ng	#	91
3) Pyridine	3.925	79	54659	30.019	ng		94
4) n-Nitrosodimethylamine	3.842	42	37886	42.714	ng		100
6) Aniline	7.408	93	105169	44.030	ng		94
8) 2-Chlorophenol	7.655	128	72357	48.709	ng		98
9) Benzaldehyde	7.220	77	51636m	37.690	ng		
10) Phenol	7.279	94	101220	47.990	ng		97
11) bis(2-Chloroethyl)ether	7.496	93	67733	43.059	ng		96
12) 1,3-Dichlorobenzene	7.978	146	72449	41.341	ng		93
13) 1,4-Dichlorobenzene	8.119	146	73861	41.766	ng		98
14) 1,2-Dichlorobenzene	8.442	146	72792	43.834	ng		97
15) Benzyl Alcohol	8.325	79	84642m	46.946	ng		
16) 2,2'-oxybis(1-Chloropr...	8.612	45	111715	43.635	ng		98
17) 2-Methylphenol	8.530	107	69382	48.669	ng		99
18) Hexachloroethane	9.170	117	26824	39.943	ng		91
19) n-Nitroso-di-n-propyla...	8.889	70	67957	43.919	ng	#	98
20) 3+4-Methylphenols	8.859	107	95563	47.464	ng		97
22) Acetophenone	8.906	105	115959	39.335	ng	#	97
24) Nitrobenzene	9.288	77	102229	41.742	ng		97
25) Isophorone	9.811	82	189785	44.566	ng		99
26) 2-Nitrophenol	10.005	139	41825	42.166	ng		99
27) 2,4-Dimethylphenol	10.063	122	74249	49.739	ng		97
28) bis(2-Chloroethoxy)met...	10.292	93	100450	41.013	ng		97
29) 2,4-Dichlorophenol	10.551	162	81901	45.459	ng		92
30) 1,2,4-Trichlorobenzene	10.757	180	83563	40.822	ng		96
31) Naphthalene	10.950	128	224074	40.896	ng		100
32) Benzoic acid	10.240	122	31862m	36.595	ng		
33) 4-Chloroaniline	11.050	127	71396	31.114	ng		96
34) Hexachlorobutadiene	11.232	225	59764	39.373	ng		95
35) Caprolactam	11.826	113	28570m	43.637	ng		
36) 4-Chloro-3-methylphenol	12.178	107	95388	44.262	ng		95
37) 2-Methylnaphthalene	12.548	142	172267	42.130	ng		97
38) 1-Methylnaphthalene	12.766	142	162526m	40.739	ng		
40) 1,2,4,5-Tetrachloroben...	12.918	216	109467	40.280	ng	#	98
41) Hexachlorocyclopentadiene	12.895	237	108302	95.867	ng		99
43) 2,4,6-Trichlorophenol	13.153	196	75353	42.478	ng		95

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44)	2,4,5-Trichlorophenol	13.230	196	80764	42.778	ng		99
46)	1,1'-Biphenyl	13.547	154	236520	40.246	ng		100
47)	2-Chloronaphthalene	13.594	162	185986	40.394	ng		98
48)	2-Nitroaniline	13.794	65	75264	43.869	ng		99
49)	Acenaphthylene	14.434	152	322941	43.954	ng		99
50)	Dimethylphthalate	14.158	163	269815	41.183	ng		98
51)	2,6-Dinitrotoluene	14.281	165	59347	44.462	ng		98
52)	Acenaphthene	14.775	154	178944	40.868	ng		97
53)	3-Nitroaniline	14.616	138	48495	33.626	ng		100
54)	2,4-Dinitrophenol	14.828	184	64876	76.838	ng		96
55)	Dibenzofuran	15.110	168	316163	40.199	ng		100
56)	4-Nitrophenol	14.933	139	88312	85.732	ng		97
57)	2,4-Dinitrotoluene	15.074	165	83815	43.321	ng	#	86
58)	Fluorene	15.756	166	263962	41.823	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.339	232	78404	40.929	ng		99
60)	Diethylphthalate	15.515	149	285694	42.215	ng		99
61)	4-Chlorophenyl-phenyle...	15.744	204	146784	41.678	ng		99
62)	4-Nitroaniline	15.779	138	61955	41.418	ng		97
63)	Azobenzene	16.038	77	287022	41.417	ng		98
65)	4,6-Dinitro-2-methylph...	15.838	198	49792	38.619	ng		97
66)	n-Nitrosodiphenylamine	15.961	169	237028	41.724	ng		99
67)	4-Bromophenyl-phenylether	16.637	248	105450	41.730	ng		92
68)	Hexachlorobenzene	16.766	284	116540	42.110	ng		99
69)	Atrazine	16.901	200	103841	43.420	ng		95
70)	Pentachlorophenol	17.113	266	110652	74.578	ng		94
71)	Phenanthrene	17.500	178	456525	41.494	ng		98
72)	Anthracene	17.588	178	456676	42.230	ng		99
73)	Carbazole	17.859	167	415605	39.214	ng		99
74)	Di-n-butylphthalate	18.405	149	492262	41.298	ng		99
75)	Fluoranthene	19.504	202	582442	40.886	ng		98
77)	Benzidine	19.680	184	285532	64.247	ng		99
78)	Pyrene	19.868	202	575275	43.098	ng		99
80)	Butylbenzylphthalate	20.743	149	208253	42.547	ng		99
81)	Benzo(a)anthracene	21.718	228	562177	42.746	ng		98
82)	3,3'-Dichlorobenzidine	21.624	252	154629	46.364	ng		97
83)	Chrysene	21.783	228	509288	41.462	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.607	149	293640	43.465	ng		95
85)	Di-n-octyl phthalate	22.828	149	502446	43.982	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.762	276	623139	42.074	ng	#	99
88)	Benzo(b)fluoranthene	23.974	252	574237	45.621	ng		99
89)	Benzo(k)fluoranthene	24.039	252	553025	44.711	ng		99
90)	Benzo(a)pyrene	24.861	252	556787	51.971	ng		99
91)	Dibenzo(a,h)anthracene	28.826	278	542624	44.463	ng		99
92)	Benzo(g,h,i)perylene	29.948	276	542295	44.829	ng		97

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

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