Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054116.D
Acq On : 28 Jun 2022 13:11
Operator : CG/JU
Sample : PB145785BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 28 14:39:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB145785BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	20853	20.000	ng		0.00
21) Naphthalene-d8	10.884	136	93841	20.000	ng		0.00
39) Acenaphthene-d10	14.698	164	77119	20.000	ng		0.00
64) Phenanthrene-d10	17.441	188	198235	20.000	ng		0.00
76) Chrysene-d12	21.719	240	189975	20.000	ng		0.00
86) Perylene-d12	24.974	264	192266	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	154244	141.419	ng		0.00
7) Phenol-d6	7.236	99	215965	145.962	ng		0.00
23) Nitrobenzene-d5	9.233	82	135805	81.326	ng		0.00
42) 2,4,6-Tribromophenol	16.190	330	148110	119.535	ng		0.00
45) 2-Fluorobiphenyl	13.323	172	403579	76.098	ng		0.00
79) Terphenyl-d14	20.050	244	817137	86.631	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.522	88	14462	30.332	ng		92
3) Pyridine	3.916	79	41199	32.381	ng		95
4) n-Nitrosodimethylamine	3.828	42	25341	45.280	ng		93
6) Aniline	7.394	93	74713	42.590	ng		98
8) 2-Chlorophenol	7.635	128	60540	51.985	ng		95
9) Benzaldehyde	7.201	77	38523m	44.115	ng		
10) Phenol	7.259	94	77642	51.779	ng		95
11) bis(2-Chloroethyl)ether	7.483	93	52629	45.727	ng		96
12) 1,3-Dichlorobenzene	7.958	146	61014	41.811	ng		91
13) 1,4-Dichlorobenzene	8.105	146	62302	42.502	ng		96
14) 1,2-Dichlorobenzene	8.428	146	62843	44.659	ng		93
15) Benzyl Alcohol	8.305	79	58798	53.170	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.599	45	84124	48.894	ng		99
17) 2-Methylphenol	8.517	107	54483	52.304	ng	#	90
18) Hexachloroethane	9.163	117	21431	44.071	ng	#	79
19) n-Nitroso-di-n-propyla...	8.875	70	47821	48.108	ng		95
20) 3+4-Methylphenols	8.840	107	76059	52.066	ng		95
22) Acetophenone	8.893	105	91641	40.175	ng	#	95
24) Nitrobenzene	9.275	77	69817	42.458	ng	#	86
25) Isophorone	9.797	82	134224	43.038	ng	#	93
26) 2-Nitrophenol	9.991	139	34167	47.042	ng	#	79
27) 2,4-Dimethylphenol	10.044	122	61973	52.717	ng		89
28) bis(2-Chloroethoxy)met...	10.279	93	78799	46.902	ng		98
29) 2,4-Dichlorophenol	10.532	162	74457	47.239	ng		89
30) 1,2,4-Trichlorobenzene	10.743	180	72863	37.334	ng		95
31) Naphthalene	10.931	128	189792	40.063	ng		99
32) Benzoic acid	10.197	122	28580	53.968	ng	#	82
33) 4-Chloroaniline	11.031	127	60581	30.825	ng	#	93
34) Hexachlorobutadiene	11.219	225	54053	36.024	ng		96
35) Caprolactam	11.807	113	23060m	53.145	ng		
36) 4-Chloro-3-methylphenol	12.154	107	76216	49.742	ng	#	84
37) 2-Methylnaphthalene	12.535	142	146676	41.848	ng		95
38) 1-Methylnaphthalene	12.753	142	139057	40.746	ng		100
40) 1,2,4,5-Tetrachloroben...	12.900	216	107952	36.328	ng		96
41) Hexachlorocyclopentadiene	12.882	237	111766	80.774	ng		97
43) 2,4,6-Trichlorophenol	13.141	196	70455	42.209	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	79587	42.702	ng	#	92
46) 1,1'-Biphenyl	13.534	154	216729	40.346	ng		99
47) 2-Chloronaphthalene	13.581	162	172289	39.631	ng		94
48) 2-Nitroaniline	13.775	65	54825	47.408	ng		92
49) Acenaphthylene	14.421	152	273682	40.485	ng		99
50) Dimethylphthalate	14.151	163	237942	40.513	ng		99
51) 2,6-Dinitrotoluene	14.269	165	52938	44.612	ng	#	77
52) Acenaphthene	14.762	154	197190m	45.762	ng		
53) 3-Nitroaniline	14.598	138	38424	33.423	ng		90
54) 2,4-Dinitrophenol	14.809	184	58183	88.079	ng	#	76
55) Dibenzofuran	15.097	168	282953	40.756	ng		95
56) 4-Nitrophenol	14.909	139	77347	94.764	ng	#	88
57) 2,4-Dinitrotoluene	15.056	165	76432	45.607	ng		87
58) Fluorene	15.743	166	233747	41.006	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.326	232	75994	41.694	ng	#	93
60) Diethylphthalate	15.508	149	235633	41.427	ng		97
61) 4-Chlorophenyl-phenyle...	15.732	204	136144	39.894	ng		94
62) 4-Nitroaniline	15.761	138	50510	42.130	ng	#	72
63) Azobenzene	16.025	77	195835	42.774	ng		91
65) 4,6-Dinitro-2-methylph...	15.820	198	44890	45.389	ng		87
66) n-Nitrosodiphenylamine	15.949	169	213354	41.297	ng		97
67) 4-Bromophenyl-phenylether	16.631	248	97940	39.558	ng		92
68) Hexachlorobenzene	16.754	284	106703	37.676	ng		95
69) Atrazine	16.895	200	96576	45.125	ng		96
70) Pentachlorophenol	17.095	266	111483	84.741	ng		99
71) Phenanthrene	17.488	178	400959	39.369	ng		97
72) Anthracene	17.577	178	409758	41.200	ng		100
73) Carbazole	17.841	167	353830	41.448	ng		99
74) Di-n-butylphthalate	18.399	149	418636	42.414	ng	#	98
75) Fluoranthene	19.492	202	489060	36.579	ng		98
77) Benzidine	19.668	184	240567	61.148	ng		98
78) Pyrene	19.856	202	491991	42.879	ng		98
80) Butylbenzylphthalate	20.732	149	170133	46.260	ng		94
81) Benzo(a)anthracene	21.701	228	490647	39.888	ng		98
82) 3,3'-Dichlorobenzidine	21.613	252	137246	37.346	ng		97
83) Chrysene	21.766	228	455491	38.848	ng		96
84) Bis(2-ethylhexyl)phtha...	21.601	149	240717	45.764	ng		96
85) Di-n-octyl phthalate	22.823	149	410299	45.384	ng		97
87) Indeno(1,2,3-cd)pyrene	28.716	276	566440	39.040	ng		99
88) Benzo(b)fluoranthene	23.946	252	501425	42.893	ng		99
89) Benzo(k)fluoranthene	24.016	252	473042	40.870	ng		99
90) Benzo(a)pyrene	24.827	252	438641	44.471	ng	#	98
91) Dibenzo(a,h)anthracene	28.775	278	494286	41.197	ng		97
92) Benzo(g,h,i)perylene	29.880	276	477502	40.328	ng		97

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

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