Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
Data File : BG055201.D
Acq On : 17 Oct 2022 20:53
Operator : CG/JU
Sample : N5150-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

Quant Time: Oct 18 04:43:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.300	152	24726	20.000	ng		0.00
21) Naphthalene-d8	11.132	136	108104	20.000	ng		0.00
39) Acenaphthene-d10	14.910	164	80083	20.000	ng		0.00
64) Phenanthrene-d10	17.642	188	197078	20.000	ng		0.00
76) Chrysene-d12	21.931	240	188004	20.000	ng		0.00
86) Perylene-d12	25.350	264	202545	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.826	112	193792	153.340	ng		0.00
7) Phenol-d6	7.442	99	264951	141.722	ng		0.00
23) Nitrobenzene-d5	9.475	82	161414	80.069	ng		0.00
42) 2,4,6-Tribromophenol	16.390	330	158473	137.719	ng		0.00
45) 2-Fluorobiphenyl	13.541	172	417552	85.173	ng		0.00
79) Terphenyl-d14	20.215	244	779757	83.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	23163	43.314	ng		98
3) Pyridine	4.052	79	62978	37.347	ng		99
4) n-Nitrosodimethylamine	3.964	42	36550	40.845	ng		95
6) Aniline	7.612	93	100348	41.801	ng		98
8) 2-Chlorophenol	7.859	128	81287	52.745	ng		99
9) Benzaldehyde	7.424	77	41122	32.706	ng		95
10) Phenol	7.471	94	107630	51.820	ng		97
11) bis(2-Chloroethyl)ether	7.700	93	69028	46.987	ng		99
12) 1,3-Dichlorobenzene	8.188	146	86149	48.095	ng		96
13) 1,4-Dichlorobenzene	8.335	146	87479	48.373	ng		97
14) 1,2-Dichlorobenzene	8.658	146	85527	49.385	ng		97
15) Benzyl Alcohol	8.535	79	77264	46.229	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.823	45	105838	43.096	ng		96
17) 2-Methylphenol	8.734	107	73957	49.490	ng		96
18) Hexachloroethane	9.398	117	29568	48.230	ng		98
19) n-Nitroso-di-n-propyla...	9.105	70	63670	42.199	ng		96
20) 3+4-Methylphenols	9.063	107	100696	46.964	ng		95
22) Acetophenone	9.128	105	124366	46.464	ng	#	97
24) Nitrobenzene	9.516	77	92205	44.209	ng		97
25) Isophorone	10.039	82	174583	44.594	ng		97
26) 2-Nitrophenol	10.233	139	48240	48.817	ng		97
27) 2,4-Dimethylphenol	10.280	122	85195m	56.690	ng		
28) bis(2-Chloroethoxy)met...	10.515	93	98184	50.605	ng		99
29) 2,4-Dichlorophenol	10.767	162	90220	50.230	ng		99
30) 1,2,4-Trichlorobenzene	10.991	180	88262	45.555	ng		99
31) Naphthalene	11.185	128	257880	45.359	ng		99
32) Benzoic acid	10.409	122	52672	41.319	ng		94
33) 4-Chloroaniline	11.279	127	81338	33.284	ng		97
34) Hexachlorobutadiene	11.461	225	57693	46.701	ng		96
35) Caprolactam	12.048	113	30754m	41.680	ng		
36) 4-Chloro-3-methylphenol	12.377	107	97228	48.003	ng		97
37) 2-Methylnaphthalene	12.765	142	190828	44.823	ng		97
38) 1-Methylnaphthalene	12.982	142	181988	43.814	ng		99
40) 1,2,4,5-Tetrachloroben...	13.123	216	112819	49.948	ng		99
41) Hexachlorocyclopentadiene	13.100	237	132995	117.838	ng		99
43) 2,4,6-Trichlorophenol	13.353	196	81540	49.667	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	88966	48.836	ng		97
46) 1,1'-Biphenyl	13.752	154	267277	50.270	ng		98
47) 2-Chloronaphthalene	13.799	162	207849	48.328	ng		97
48) 2-Nitroaniline	13.993	65	68447	44.610	ng		99
49) Acenaphthylene	14.639	152	337185	46.703	ng		99
50) Dimethylphthalate	14.351	163	281559	43.738	ng		100
51) 2,6-Dinitrotoluene	14.475	165	62514	47.191	ng		93
52) Acenaphthene	14.974	154	237052m	50.755	ng		
53) 3-Nitroaniline	14.804	138	54998	35.809	ng	#	99
54) 2,4-Dinitrophenol	15.009	184	71565	88.808	ng		90
55) Dibenzofuran	15.303	168	339358	46.571	ng		99
56) 4-Nitrophenol	15.103	139	105149	87.918	ng		99
57) 2,4-Dinitrotoluene	15.256	165	90147	46.461	ng		96
58) Fluorene	15.950	166	268529	44.881	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.527	232	78148	43.471	ng		100
60) Diethylphthalate	15.703	149	291607	43.007	ng		99
61) 4-Chlorophenyl-phenyle...	15.932	204	150995	47.132	ng		100
62) 4-Nitroaniline	15.961	138	69767	42.075	ng		98
63) Azobenzene	16.226	77	251518	43.693	ng		96
65) 4,6-Dinitro-2-methylph...	16.020	198	51941	44.839	ng		94
66) n-Nitrosodiphenylamine	16.143	169	249151	47.922	ng		99
67) 4-Bromophenyl-phenylether	16.825	248	103859	48.343	ng		96
68) Hexachlorobenzene	16.948	284	119033	48.205	ng		98
69) Atrazine	17.084	200	106407	51.913	ng		100
70) Pentachlorophenol	17.289	266	127149	86.424	ng		97
71) Phenanthrene	17.689	178	513149	50.199	ng		99
72) Anthracene	17.777	178	480872	48.136	ng		99
73) Carbazole	18.041	167	441043	47.416	ng		99
74) Di-n-butylphthalate	18.576	149	524202	45.779	ng		99
75) Fluoranthene	19.675	202	650275	50.889	ng		99
77) Benzidine	19.839	184	288199	68.358	ng		99
78) Pyrene	20.033	202	640450	51.102	ng		99
80) Butylbenzylphthalate	20.897	149	219743	45.674	ng		99
81) Benzo(a)anthracene	21.907	228	575266	47.824	ng		100
82) 3,3'-Dichlorobenzidine	21.807	252	161135	39.033	ng		100
83) Chrysene	21.978	228	536280	47.261	ng		99
84) Bis(2-ethylhexyl)phtha...	21.784	149	311379	45.435	ng		99
85) Di-n-octyl phthalate	23.059	149	516973	45.246	ng		98
87) Indeno(1,2,3-cd)pyrene	29.299	276	693742	46.239	ng	#	94
88) Benzo(b)fluoranthene	24.263	252	627536	51.982	ng		99
89) Benzo(k)fluoranthene	24.334	252	569379	46.944	ng		99
90) Benzo(a)pyrene	25.192	252	540019	52.312	ng		99
91) Dibenzo(a,h)anthracene	29.363	278	583680	47.012	ng		99
92) Benzo(g,h,i)perylene	30.532	276	595236	48.943	ng		97

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

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