Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
Data File : BG057105.D
Acq On : 14 Apr 2023 18:30
Operator : CG/JU
Sample : 02341-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

Quant Time: Apr 15 02:53:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	17761	20.000	ng		0.00
21) Naphthalene-d8	11.242	136	74812	20.000	ng	#	0.00
39) Acenaphthene-d10	15.019	164	50122	20.000	ng		0.00
64) Phenanthrene-d10	17.756	188	112192	20.000	ng	#	0.00
76) Chrysene-d12	22.074	240	95756	20.000	ng	#	0.00
86) Perylene-d12	25.604	264	103263	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.919	112	137566	123.961	ng		0.00
7) Phenol-d6	7.541	99	196557	118.424	ng		0.00
23) Nitrobenzene-d5	9.579	82	122228	66.851	ng		0.00
42) 2,4,6-Tribromophenol	16.499	330	85446	106.712	ng		0.00
45) 2-Fluorobiphenyl	13.638	172	257462	69.654	ng		0.00
79) Terphenyl-d14	20.323	244	429953	75.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.722	88	20705	42.561	ng		96
3) Pyridine	4.145	79	58964	37.631	ng		95
4) n-Nitrosodimethylamine	4.051	42	29972	41.605	ng		93
6) Aniline	7.711	93	60287	28.412	ng		98
8) 2-Chlorophenol	7.964	128	61793	55.902	ng		92
9) Benzaldehyde	7.523	77	46411	44.581	ng		95
10) Phenol	7.564	94	85667	52.089	ng		98
11) bis(2-Chloroethyl)ether	7.799	93	59552	50.834	ng		98
12) 1,3-Dichlorobenzene	8.293	146	64945	53.173	ng		100
13) 1,4-Dichlorobenzene	8.439	146	65837	53.408	ng		97
14) 1,2-Dichlorobenzene	8.763	146	63125	53.004	ng		95
15) Benzyl Alcohol	8.639	79	63424	45.988	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.921	45	75181m	53.250	ng		
17) 2-Methylphenol	8.839	107	56444	48.106	ng		91
18) Hexachloroethane	9.503	117	24255	53.833	ng		94
19) n-Nitroso-di-n-propyla...	9.203	70	52823	44.494	ng	#	97
20) 3+4-Methylphenols	9.168	107	76002	46.323	ng		96
22) Acetophenone	9.232	105	97446	43.774	ng	#	96
24) Nitrobenzene	9.626	77	81574	43.639	ng		96
25) Isophorone	10.143	82	138688	39.834	ng		98
26) 2-Nitrophenol	10.343	139	32670	45.279	ng	#	86
27) 2,4-Dimethylphenol	10.384	122	58652	46.040	ng		95
28) bis(2-Chloroethoxy)met...	10.619	93	75522	43.327	ng		97
29) 2,4-Dichlorophenol	10.883	162	60837	44.405	ng		98
30) 1,2,4-Trichlorobenzene	11.101	180	65900	45.270	ng		94
31) Naphthalene	11.294	128	185473	45.484	ng		98
32) Benzoic acid	10.525	122	33977	38.828	ng		93
33) 4-Chloroaniline	11.394	127	36872	20.021	ng		97
34) Hexachlorobutadiene	11.565	225	46906	42.895	ng		93
35) Caprolactam	12.164	113	18811m	39.813	ng		
36) 4-Chloro-3-methylphenol	12.487	107	64515	42.108	ng		95
37) 2-Methylnaphthalene	12.869	142	125797	38.870	ng		95
38) 1-Methylnaphthalene	13.086	142	120786	39.746	ng		98
40) 1,2,4,5-Tetrachloroben...	13.227	216	82765	47.618	ng		99
41) Hexachlorocyclopentadiene	13.204	237	60869	63.561	ng		94
43) 2,4,6-Trichlorophenol	13.462	196	53024	47.807	ng		98

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44)	2,4,5-Trichlorophenol	13.533	196	57570	43.814	ng		94
46)	1,1'-Biphenyl	13.856	154	176904	48.215	ng		98
47)	2-Chloronaphthalene	13.903	162	138032	50.866	ng		99
48)	2-Nitroaniline	14.096	65	45652	47.048	ng		96
49)	Acenaphthylene	14.743	152	212815	47.732	ng		99
50)	Dimethylphthalate	14.449	163	171326	43.382	ng		98
51)	2,6-Dinitrotoluene	14.578	165	39306	46.065	ng		94
52)	Acenaphthene	15.083	154	144598m	47.024	ng		
53)	3-Nitroaniline	14.913	138	27995	33.146	ng		98
54)	2,4-Dinitrophenol	15.119	184	25273	52.622	ng		94
55)	Dibenzofuran	15.412	168	212964	46.144	ng		96
56)	4-Nitrophenol	15.213	139	61852	99.035	ng	#	82
57)	2,4-Dinitrotoluene	15.365	165	55066	45.757	ng	#	96
58)	Fluorene	16.059	166	170909	44.753	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.636	232	53403	44.638	ng	#	97
60)	Diethylphthalate	15.800	149	171554	43.331	ng		99
61)	4-Chlorophenyl-phenyle...	16.035	204	97608	43.531	ng		95
62)	4-Nitroaniline	16.070	138	34768	39.732	ng		90
63)	Azobenzene	16.329	77	187768	47.589	ng		97
65)	4,6-Dinitro-2-methylph...	16.129	198	21233	31.249	ng		94
66)	n-Nitrosodiphenylamine	16.252	169	144821	48.086	ng		100
67)	4-Bromophenyl-phenylether	16.928	248	61662	44.420	ng		99
68)	Hexachlorobenzene	17.057	284	70076	51.060	ng		97
69)	Atrazine	17.181	200	62102	49.675	ng		97
70)	Pentachlorophenol	17.404	266	80859	82.124	ng		97
71)	Phenanthrene	17.797	178	268471	46.935	ng		99
72)	Anthracene	17.891	178	274587	46.827	ng		99
73)	Carbazole	18.150	167	242229	47.380	ng		95
74)	Di-n-butylphthalate	18.673	149	285475	48.221	ng		99
75)	Fluoranthene	19.783	202	316181	43.605	ng		99
77)	Benzidine	19.947	184	174984	66.856	ng		98
78)	Pyrene	20.147	202	315874	47.694	ng		98
80)	Butylbenzylphthalate	20.999	149	123184	54.050	ng		94
81)	Benzo(a)anthracene	22.050	228	310224	46.817	ng		99
82)	3,3'-Dichlorobenzidine	21.945	252	92961	41.546	ng	#	97
83)	Chrysene	22.121	228	286546	46.185	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.898	149	171143	51.858	ng		97
85)	Di-n-octyl phthalate	23.208	149	288788	51.927	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.687	276	347620	45.550	ng	#	97
88)	Benzo(b)fluoranthene	24.477	252	321516	49.791	ng		97
89)	Benzo(k)fluoranthene	24.547	252	311452	48.313	ng		99
90)	Benzo(a)pyrene	25.440	252	279057	43.978	ng	#	98
91)	Dibenzo(a,h)anthracene	29.758	278	298292	47.551	ng		97
92)	Benzo(g,h,i)perylene	30.968	276	258491m	42.082	ng		

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

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