Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
Data File : BG057003.D
Acq On : 5 Apr 2023 23:26
Operator : CG/JU
Sample : 02126-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-FMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Quant Time: Apr 06 02:05:45 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 06 01:57:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	16548	20.000	ng		0.00
21) Naphthalene-d8	11.256	136	68580	20.000	ng		0.00
39) Acenaphthene-d10	15.028	164	46518	20.000	ng		0.00
64) Phenanthrene-d10	17.771	188	94886	20.000	ng		0.00
76) Chrysene-d12	22.094	240	81122	20.000	ng		0.00
86) Perylene-d12	25.648	264	93183	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.922	112	117903	114.030	ng		0.00
7) Phenol-d6	7.549	99	166878	107.913	ng		0.00
23) Nitrobenzene-d5	9.594	82	112311	67.009	ng		0.00
42) 2,4,6-Tribromophenol	16.508	330	75089	101.043	ng		0.00
45) 2-Fluorobiphenyl	13.653	172	245787	71.647	ng		0.00
79) Terphenyl-d14	20.338	244	346359	72.249	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.725	88	14508	32.009	ng		98
3) Pyridine	4.148	79	43633	29.888	ng		94
4) n-Nitrosodimethylamine	4.054	42	25055	37.329	ng	#	89
6) Aniline	7.726	93	29770	15.059	ng		97
8) 2-Chlorophenol	7.972	128	51987	50.479	ng		89
9) Benzaldehyde	7.532	77	37845	39.018	ng		94
10) Phenol	7.579	94	72882	47.564	ng		98
11) bis(2-Chloroethyl)ether	7.808	93	47772	43.768	ng		99
12) 1,3-Dichlorobenzene	8.301	146	55407	48.689	ng		98
13) 1,4-Dichlorobenzene	8.448	146	57066	49.687	ng		97
14) 1,2-Dichlorobenzene	8.777	146	53579	48.286	ng		96
15) Benzyl Alcohol	8.642	79	55615	43.282	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.936	45	56664m	43.076	ng		
17) 2-Methylphenol	8.848	107	48411	44.284	ng		91
18) Hexachloroethane	9.517	117	20105	47.893	ng		88
19) n-Nitroso-di-n-propyla...	9.218	70	44339	40.086	ng		98
20) 3+4-Methylphenols	9.177	107	65508	42.853	ng		98
22) Acetophenone	9.241	105	84021	41.173	ng	#	99
24) Nitrobenzene	9.635	77	69646	40.644	ng		98
25) Isophorone	10.158	82	120198	37.660	ng		99
26) 2-Nitrophenol	10.352	139	30646	46.334	ng		91
27) 2,4-Dimethylphenol	10.393	122	51124	43.778	ng		98
28) bis(2-Chloroethoxy)met...	10.628	93	63893	39.987	ng		98
29) 2,4-Dichlorophenol	10.892	162	55314	44.043	ng		94
30) 1,2,4-Trichlorobenzene	11.115	180	62182	46.598	ng		98
31) Naphthalene	11.309	128	173966	46.539	ng		99
32) Benzoic acid	10.528	122	34394	42.876	ng		94
33) 4-Chloroaniline	11.403	127	27388	16.222	ng		95
34) Hexachlorobutadiene	11.579	225	45811	45.701	ng		91
35) Caprolactam	12.179	113	15938	36.798	ng		94
36) 4-Chloro-3-methylphenol	12.496	107	55346	39.406	ng		95
37) 2-Methylnaphthalene	12.883	142	124277	41.890	ng		97
38) 1-Methylnaphthalene	13.101	142	117892	42.319	ng		96
40) 1,2,4,5-Tetrachloroben...	13.242	216	78907	48.916	ng		99
41) Hexachlorocyclopentadiene	13.218	237	39131	44.028	ng		94
43) 2,4,6-Trichlorophenol	13.471	196	50286	48.851	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.547	196	53394	43.785	ng		96
46) 1,1'-Biphenyl	13.864	154	165175	48.506	ng		97
47) 2-Chloronaphthalene	13.917	162	120932	48.017	ng		98
48) 2-Nitroaniline	14.105	65	39217	43.548	ng		94
49) Acenaphthylene	14.757	152	192677	46.563	ng		98
50) Dimethylphthalate	14.464	163	152022	41.476	ng		98
51) 2,6-Dinitrotoluene	14.593	165	33526	42.335	ng		96
52) Acenaphthene	15.092	154	152698	53.506	ng		99
53) 3-Nitroaniline	14.922	138	21277	27.144	ng	#	97
54) 2,4-Dinitrophenol	15.127	184	25762	57.795	ng		95
55) Dibenzofuran	15.421	168	200555	46.822	ng		96
56) 4-Nitrophenol	15.216	139	52190	90.039	ng		90
57) 2,4-Dinitrotoluene	15.374	165	47089	42.160	ng	#	98
58) Fluorene	16.067	166	176306	49.742	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.644	232	47367	42.660	ng	#	97
60) Diethylphthalate	15.809	149	147575	40.163	ng		99
61) 4-Chlorophenyl-phenyle...	16.050	204	86500	41.566	ng		99
62) 4-Nitroaniline	16.079	138	29250	36.016	ng		91
63) Azobenzene	16.343	77	144930	39.578	ng		98
65) 4,6-Dinitro-2-methylph...	16.138	198	21226	36.936	ng		89
66) n-Nitrosodiphenylamine	16.261	169	125185	49.147	ng		98
67) 4-Bromophenyl-phenylether	16.943	248	56254	47.915	ng		91
68) Hexachlorobenzene	17.072	284	58918	50.760	ng		99
69) Atrazine	17.195	200	51408	48.621	ng		92
70) Pentachlorophenol	17.413	266	72417	86.964	ng		99
71) Phenanthrene	17.818	178	573321	118.510	ng		100
72) Anthracene	17.906	178	301511	60.797	ng		99
73) Carbazole	18.165	167	213024	49.267	ng		96
74) Di-n-butylphthalate	18.687	149	220303	43.999	ng		99
75) Fluoranthene	19.803	202	944938	154.085	ng		99
77) Benzidine	19.962	184	44326	19.991	ng	#	96
78) Pyrene	20.168	202	862901	153.793	ng		99
80) Butylbenzylphthalate	21.019	149	88850	46.018	ng		94
81) Benzo(a)anthracene	22.077	228	594224	105.854	ng		99
82) 3,3'-Dichlorobenzidine	21.971	252	62324	32.878	ng		100
83) Chrysene	22.147	228	533837	101.565	ng		97
84) Bis(2-ethylhexyl)phtha...	21.924	149	124235	44.436	ng	#	97
85) Di-n-octyl phthalate	23.240	149	209458	44.457	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.772	276	470864	68.373	ng	#	94
88) Benzo(b)fluoranthene	24.521	252	664962	114.117	ng		99
89) Benzo(k)fluoranthene	24.591	252	406353	69.853	ng		98
90) Benzo(a)pyrene	25.496	252	549394	95.948	ng		99
91) Dibenzo(a,h)anthracene	29.825	278	282153	49.844	ng		96
92) Benzo(g,h,i)perylene	31.065	276	393906	71.064	ng	#	98

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

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