Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
Data File : BG055830.D
Acq On : 29 Nov 2022 16:00
Operator : CG/JU
Sample : N5787-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-24-STOCKMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

Quant Time: Nov 30 02:05:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.225	152	36666	20.000	ng		0.00
21) Naphthalene-d8	11.051	136	153999	20.000	ng		0.00
39) Acenaphthene-d10	14.847	164	112970	20.000	ng		0.00
64) Phenanthrene-d10	17.591	188	275233	20.000	ng		0.00
76) Chrysene-d12	21.880	240	264735	20.000	ng		0.00
86) Perylene-d12	25.264	264	286837	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	270530	133.363	ng		0.00
7) Phenol-d6	7.379	99	354204	131.172	ng		0.00
23) Nitrobenzene-d5	9.400	82	221426	75.997	ng		0.00
42) 2,4,6-Tribromophenol	16.333	330	198624	124.861	ng		0.00
45) 2-Fluorobiphenyl	13.472	172	546357	72.454	ng		0.00
79) Terphenyl-d14	20.176	244	1012955	76.531	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.578	88	31753	36.628	ng		96
3) Pyridine	3.995	79	90136	33.893	ng		98
4) n-Nitrosodimethylamine	3.907	42	57367	40.744	ng		96
6) Aniline	7.538	93	100786	29.716	ng		98
8) 2-Chlorophenol	7.784	128	106076	45.743	ng		98
9) Benzaldehyde	7.350	77	55026m	30.006	ng		
10) Phenol	7.403	94	137297	45.410	ng		99
11) bis(2-Chloroethyl)ether	7.632	93	95531	41.229	ng		97
12) 1,3-Dichlorobenzene	8.113	146	115592	42.397	ng		96
13) 1,4-Dichlorobenzene	8.260	146	116221	42.184	ng		99
14) 1,2-Dichlorobenzene	8.584	146	112502	42.613	ng		99
15) Benzyl Alcohol	8.460	79	94769m	43.184	ng		
16) 2,2'-oxybis(1-Chloropr...	8.748	45	169236	40.347	ng		98
17) 2-Methylphenol	8.666	107	95048	44.279	ng		99
18) Hexachloroethane	9.318	117	40642	42.860	ng		97
19) n-Nitroso-di-n-propyla...	9.030	70	81521	39.292	ng		99
20) 3+4-Methylphenols	8.995	107	131201	43.754	ng		99
22) Acetophenone	9.054	105	162190	40.531	ng	#	99
24) Nitrobenzene	9.441	77	122933	40.394	ng		99
25) Isophorone	9.958	82	227692	41.244	ng		99
26) 2-Nitrophenol	10.158	139	62238	44.300	ng		93
27) 2,4-Dimethylphenol	10.205	122	106955m	50.021	ng		
28) bis(2-Chloroethoxy)met...	10.440	93	131397	44.336	ng		99
29) 2,4-Dichlorophenol	10.699	162	112939	44.129	ng		99
30) 1,2,4-Trichlorobenzene	10.910	180	120679	40.588	ng		99
31) Naphthalene	11.104	128	330584	39.710	ng		99
32) Benzoic acid	10.352	122	60693m	34.501	ng		
33) 4-Chloroaniline	11.210	127	75634	22.024	ng		98
34) Hexachlorobutadiene	11.380	225	81997	40.387	ng		95
35) Caprolactam	11.980	113	37187m	41.989	ng		
36) 4-Chloro-3-methylphenol	12.314	107	124921	44.410	ng		96
37) 2-Methylnaphthalene	12.690	142	248205	39.820	ng		98
38) 1-Methylnaphthalene	12.914	142	234927	38.823	ng		99
40) 1,2,4,5-Tetrachloroben...	13.055	216	149732	42.177	ng		99
41) Hexachlorocyclopentadiene	13.031	237	120506	67.349	ng		98
43) 2,4,6-Trichlorophenol	13.290	196	101146	41.767	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	110782	41.628	ng		97
46) 1,1'-Biphenyl	13.683	154	341537	41.487	ng		98
47) 2-Chloronaphthalene	13.736	162	258236	40.358	ng		97
48) 2-Nitroaniline	13.930	65	88672	42.150	ng		97
49) Acenaphthylene	14.576	152	432972	41.091	ng		99
50) Dimethylphthalate	14.289	163	351467	39.028	ng		99
51) 2,6-Dinitrotoluene	14.418	165	77405	42.037	ng		99
52) Acenaphthene	14.911	154	292558m	42.483	ng		
53) 3-Nitroaniline	14.747	138	59037	29.207	ng		96
54) 2,4-Dinitrophenol	14.958	184	62185	58.737	ng		98
55) Dibenzofuran	15.246	168	429370	40.416	ng		99
56) 4-Nitrophenol	15.064	139	128714	81.133	ng		97
57) 2,4-Dinitrotoluene	15.205	165	111306	42.874	ng		95
58) Fluorene	15.893	166	342138	40.322	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.470	232	103552	40.157	ng		99
60) Diethylphthalate	15.640	149	354654	38.952	ng		99
61) 4-Chlorophenyl-phenyle...	15.875	204	189004	40.522	ng		97
62) 4-Nitroaniline	15.910	138	80318	38.012	ng		94
63) Azobenzene	16.169	77	318133	40.022	ng		99
65) 4,6-Dinitro-2-methylph...	15.969	198	49975	32.517	ng		98
66) n-Nitrosodiphenylamine	16.086	169	310417	40.924	ng		99
67) 4-Bromophenyl-phenylether	16.768	248	128432	40.954	ng		99
68) Hexachlorobenzene	16.897	284	143154	41.168	ng		98
69) Atrazine	17.027	200	132441	44.149	ng		98
70) Pentachlorophenol	17.238	266	156491	73.568	ng		99
71) Phenanthrene	17.632	178	590931	39.786	ng		99
72) Anthracene	17.726	178	600030	41.579	ng		99
73) Carbazole	17.990	167	539227	41.564	ng		100
74) Di-n-butylphthalate	18.519	149	641342	39.812	ng		99
75) Fluoranthene	19.629	202	720306	39.863	ng		99
77) Benzidine	19.800	184	311749	50.902	ng		99
78) Pyrene	19.988	202	729661	40.719	ng		99
80) Butylbenzylphthalate	20.851	149	281611	40.144	ng		99
81) Benzo(a)anthracene	21.862	228	726039	39.818	ng		100
82) 3,3'-Dichlorobenzidine	21.762	252	169782	26.499	ng		98
83) Chrysene	21.927	228	687579	39.610	ng		99
84) Bis(2-ethylhexyl)phtha...	21.727	149	410300	40.698	ng		99
85) Di-n-octyl phthalate	22.990	149	701932	40.685	ng		100
87) Indeno(1,2,3-cd)pyrene	29.171	276	874201	37.202	ng	#	97
88) Benzo(b)fluoranthene	24.189	252	761141	40.746	ng		99
89) Benzo(k)fluoranthene	24.259	252	755183	40.556	ng		99
90) Benzo(a)pyrene	25.111	252	682945	42.604	ng		99
91) Dibenzo(a,h)anthracene	29.242	278	737039	38.383	ng		98
92) Benzo(g,h,i)perylene	30.417	276	728270	37.630	ng		99

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

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