Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053495.D
Acq On : 9 May 2022 16:27
Operator : CG/JU
Sample : N2745-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-31DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Quant Time: May 09 17:40:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	28434	20.000	ng		-0.01
21) Naphthalene-d8	10.902	136	110074	20.000	ng		-0.01
39) Acenaphthene-d10	14.714	164	84426	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	199913	20.000	ng		-0.01
76) Chrysene-d12	21.740	240	195959	20.000	ng		0.00
86) Perylene-d12	25.018	264	206227	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	228656	136.477	ng		-0.01
7) Phenol-d6	7.254	99	331317	130.301	ng		0.00
23) Nitrobenzene-d5	9.251	82	227177	87.855	ng		-0.01
42) 2,4,6-Tribromophenol	16.206	330	155189	124.631	ng		0.00
45) 2-Fluorobiphenyl	13.339	172	470311	81.403	ng		0.00
79) Terphenyl-d14	20.060	244	844352	80.250	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	33366	37.956	ng		95
3) Pyridine	3.934	79	84126	39.187	ng		100
4) n-Nitrosodimethylamine	3.846	42	50707	48.487	ng	#	97
6) Aniline	7.412	93	107039	38.008	ng		100
8) 2-Chlorophenol	7.653	128	87768	50.111	ng		94
9) Benzaldehyde	7.218	77	61214m	37.895	ng		
10) Phenol	7.283	94	125906	50.629	ng		96
11) bis(2-Chloroethyl)ether	7.500	93	85224	45.950	ng		99
12) 1,3-Dichlorobenzene	7.976	146	95780	46.355	ng		91
13) 1,4-Dichlorobenzene	8.123	146	96900	46.473	ng		96
14) 1,2-Dichlorobenzene	8.446	146	93032	47.515	ng		96
15) Benzyl Alcohol	8.329	79	102430m	48.184	ng		
16) 2,2'-oxybis(1-Chloropr...	8.611	45	139841	46.326	ng		95
17) 2-Methylphenol	8.534	107	82095	48.842	ng		93
18) Hexachloroethane	9.174	117	36494	46.090	ng		93
19) n-Nitroso-di-n-propyla...	8.892	70	82163	45.037	ng		98
20) 3+4-Methylphenols	8.857	107	112589	47.429	ng		98
22) Acetophenone	8.910	105	143063	47.489	ng	#	97
24) Nitrobenzene	9.292	77	125004	49.947	ng		98
25) Isophorone	9.815	82	226303	52.002	ng		99
26) 2-Nitrophenol	10.009	139	50856	50.171	ng		98
27) 2,4-Dimethylphenol	10.067	122	89929	58.951	ng		97
28) bis(2-Chloroethoxy)met...	10.291	93	119683	47.818	ng		99
29) 2,4-Dichlorophenol	10.549	162	96678	52.511	ng		94
30) 1,2,4-Trichlorobenzene	10.761	180	102448	48.975	ng		98
31) Naphthalene	10.949	128	273460	48.839	ng		100
32) Benzoic acid	10.244	122	43283m	45.852	ng		
33) 4-Chloroaniline	11.060	127	48490	20.679	ng		98
34) Hexachlorobutadiene	11.236	225	75115	48.425	ng		99
35) Caprolactam	11.830	113	32534m	48.626	ng		
36) 4-Chloro-3-methylphenol	12.182	107	110135	50.009	ng		98
37) 2-Methylnaphthalene	12.546	142	197581	47.285	ng		99
38) 1-Methylnaphthalene	12.764	142	188896	46.334	ng		94
40) 1,2,4,5-Tetrachloroben...	12.916	216	130193	48.922	ng		99
41) Hexachlorocyclopentadiene	12.899	237	128033	113.904	ng		99
43) 2,4,6-Trichlorophenol	13.157	196	87665	50.466	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	92589	50.081	ng		96
46) 1,1'-Biphenyl	13.551	154	275188	47.819	ng		98
47) 2-Chloronaphthalene	13.592	162	213813	47.422	ng		99
48) 2-Nitroaniline	13.792	65	84001	49.999	ng		97
49) Acenaphthylene	14.438	152	362974	50.450	ng		100
50) Dimethylphthalate	14.162	163	296973	46.289	ng		99
51) 2,6-Dinitrotoluene	14.285	165	64232	49.142	ng		98
52) Acenaphthene	14.779	154	202595	47.250	ng		99
53) 3-Nitroaniline	14.614	138	38792	27.468	ng		97
54) 2,4-Dinitrophenol	14.831	184	78682	93.676	ng		95
55) Dibenzofuran	15.113	168	351565	45.648	ng		99
56) 4-Nitrophenol	14.937	139	100587	99.719	ng		94
57) 2,4-Dinitrotoluene	15.078	165	93258	49.223	ng	#	94
58) Fluorene	15.760	166	288854	46.737	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.343	232	87610	46.705	ng		98
60) Diethylphthalate	15.519	149	307430	46.390	ng		98
61) 4-Chlorophenyl-phenyle...	15.748	204	161152	46.728	ng		99
62) 4-Nitroaniline	15.777	138	65417	44.659	ng		97
63) Azobenzene	16.042	77	307995	45.386	ng		99
65) 4,6-Dinitro-2-methylph...	15.842	198	57152	47.977	ng		98
66) n-Nitrosodiphenylamine	15.959	169	259621	49.463	ng		97
67) 4-Bromophenyl-phenylether	16.641	248	114595	49.082	ng		94
68) Hexachlorobenzene	16.770	284	123522	48.308	ng		99
69) Atrazine	16.905	200	112350	50.846	ng		97
70) Pentachlorophenol	17.117	266	133127	95.708	ng		92
71) Phenanthrene	17.504	178	487484	47.956	ng		97
72) Anthracene	17.592	178	491063	49.148	ng		98
73) Carbazole	17.863	167	455909	46.558	ng		100
74) Di-n-butylphthalate	18.409	149	529549	48.084	ng		99
75) Fluoranthene	19.508	202	618944	47.025	ng		98
77) Benzidine	19.684	184	381801	90.396	ng		97
78) Pyrene	19.872	202	618395	48.749	ng		100
80) Butylbenzylphthalate	20.741	149	228413	49.103	ng		97
81) Benzo(a)anthracene	21.722	228	596273	47.707	ng		99
82) 3,3'-Dichlorobenzidine	21.628	252	134304	42.374	ng		99
83) Chrysene	21.787	228	547837	46.931	ng		98
84) Bis(2-ethylhexyl)phtha...	21.611	149	321864	50.132	ng		99
85) Di-n-octyl phthalate	22.832	149	528084	48.641	ng		100
87) Indeno(1,2,3-cd)pyrene	28.783	276	677075	47.139	ng	#	99
88) Benzo(b)fluoranthene	23.978	252	628004	51.447	ng		98
89) Benzo(k)fluoranthene	24.043	252	575498	47.977	ng		97
90) Benzo(a)pyrene	24.871	252	594977	57.265	ng		98
91) Dibenzo(a,h)anthracene	28.842	278	579252	48.943	ng		98
92) Benzo(g,h,i)perylene	29.952	276	579883	49.429	ng		98

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

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