Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
Data File : BG054928.D
Acq On : 13 Sep 2022 19:02
Operator : CG/JU
Sample : N4578-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/14/2022
Supervised By :Jagrut Upadhyay 09/14/2022

Quant Time: Sep 14 03:21:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 01:53:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.137	152	35467	20.000	ng		0.00
21) Naphthalene-d8	10.963	136	146339	20.000	ng	#	0.00
39) Acenaphthene-d10	14.776	164	103678	20.000	ng		0.00
64) Phenanthrene-d10	17.520	188	240290	20.000	ng		0.00
76) Chrysene-d12	21.815	240	229549	20.000	ng		0.00
86) Perylene-d12	25.188	264	244350	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	270874	132.994	ng		0.00
7) Phenol-d6	7.297	99	365812	131.331	ng		0.00
23) Nitrobenzene-d5	9.312	82	204716	73.438	ng		0.00
42) 2,4,6-Tribromophenol	16.263	330	189434	146.222	ng		0.00
45) 2-Fluorobiphenyl	13.396	172	517152	74.971	ng		0.00
79) Terphenyl-d14	20.117	244	815414	70.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	38926	40.024	ng		92
3) Pyridine	3.919	79	102467	37.773	ng		88
4) n-Nitrosodimethylamine	3.836	42	44596	38.030	ng		83
6) Aniline	7.456	93	131159	39.632	ng		95
8) 2-Chlorophenol	7.702	128	120905	54.333	ng		95
9) Benzaldehyde	7.268	77	74991m	41.077	ng		
10) Phenol	7.326	94	147124	51.361	ng		95
11) bis(2-Chloroethyl)ether	7.544	93	105550	45.816	ng		93
12) 1,3-Dichlorobenzene	8.026	146	126711	49.205	ng		98
13) 1,4-Dichlorobenzene	8.172	146	128876	49.615	ng		98
14) 1,2-Dichlorobenzene	8.496	146	125014	50.757	ng		98
15) Benzyl Alcohol	8.378	79	99900m	49.645	ng		
16) 2,2'-oxybis(1-Chloropr...	8.660	45	134697	37.366	ng		95
17) 2-Methylphenol	8.584	107	103469	52.463	ng		98
18) Hexachloroethane	9.224	117	44631	47.384	ng		94
19) n-Nitroso-di-n-propyla...	8.942	70	83433	43.558	ng	#	91
20) 3+4-Methylphenols	8.913	107	141069	51.582	ng		95
22) Acetophenone	8.966	105	171177	46.755	ng	#	94
24) Nitrobenzene	9.353	77	121151	43.119	ng		93
25) Isophorone	9.876	82	243248	46.799	ng		98
26) 2-Nitrophenol	10.070	139	69949	56.359	ng		96
27) 2,4-Dimethylphenol	10.123	122	116340	59.162	ng		97
28) bis(2-Chloroethoxy)met...	10.352	93	148052	49.988	ng		99
29) 2,4-Dichlorophenol	10.611	162	123359	55.153	ng		97
30) 1,2,4-Trichlorobenzene	10.822	180	121940	47.707	ng		95
31) Naphthalene	11.016	128	361425	46.033	ng		100
33) 4-Chloroaniline	11.122	127	113889	35.580	ng		96
34) Hexachlorobutadiene	11.281	225	81454	49.738	ng		98
35) Caprolactam	11.915	113	44345m	56.197	ng		
36) 4-Chloro-3-methylphenol	12.244	107	128682	52.611	ng		99
37) 2-Methylnaphthalene	12.608	142	263456	47.875	ng		98
38) 1-Methylnaphthalene	12.832	142	251209	46.920	ng		99
40) 1,2,4,5-Tetrachloroben...	12.973	216	153795	49.210	ng		99
41) Hexachlorocyclopentadiene	12.943	237	96241	58.066	ng		99
43) 2,4,6-Trichlorophenol	13.214	196	105495	50.855	ng		99
44) 2,4,5-Trichlorophenol	13.296	196	114328	49.075	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.607	154	363518	47.215	ng		98
47) 2-Chloronaphthalene	13.660	162	269708	46.126	ng		98
48) 2-Nitroaniline	13.860	65	80276	43.807	ng		89
49) Acenaphthylene	14.500	152	448871	46.520	ng		99
50) Dimethylphthalate	14.218	163	368062	46.080	ng		98
51) 2,6-Dinitrotoluene	14.348	165	80309	49.156	ng		85
52) Acenaphthene	14.841	154	302495m	48.805	ng		
53) 3-Nitroaniline	14.682	138	66041	36.110	ng		88
54) 2,4-Dinitrophenol	14.900	184	62605	68.913	ng		97
55) Dibenzofuran	15.170	168	431248	47.351	ng		99
56) 4-Nitrophenol	15.000	139	123850	87.507	ng		89
57) 2,4-Dinitrotoluene	15.135	165	115134	50.949	ng	#	83
58) Fluorene	15.822	166	362229	47.212	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.399	232	98292	46.805	ng		97
60) Diethylphthalate	15.576	149	362150	45.405	ng		97
61) 4-Chlorophenyl-phenyle...	15.805	204	189207	49.990	ng		96
62) 4-Nitroaniline	15.846	138	88377	47.330	ng		95
63) Azobenzene	16.098	77	311134	41.046	ng		93
65) 4,6-Dinitro-2-methylph...	15.905	198	61123	49.972	ng		93
66) n-Nitrosodiphenylamine	16.022	169	327207	47.219	ng		99
67) 4-Bromophenyl-phenylether	16.698	248	134222	50.877	ng		97
68) Hexachlorobenzene	16.821	284	151359	51.035	ng		96
69) Atrazine	16.962	200	129321	52.899	ng		98
70) Pentachlorophenol	17.174	266	106010	65.787	ng		98
71) Phenanthrene	17.567	178	586800	45.842	ng		99
72) Anthracene	17.655	178	599095	48.139	ng		99
73) Carbazole	17.926	167	549961	47.964	ng		99
74) Di-n-butylphthalate	18.460	149	651481	44.901	ng		99
75) Fluoranthene	19.571	202	710692	45.640	ng		98
77) Benzidine	19.747	184	436249	76.728	ng		99
78) Pyrene	19.935	202	720026	44.984	ng		100
80) Butylbenzylphthalate	20.799	149	287255	43.025	ng		94
81) Benzo(a)anthracene	21.798	228	707980	45.488	ng		99
82) 3,3'-Dichlorobenzidine	21.704	252	161955	29.679	ng		99
83) Chrysene	21.868	228	659327	44.305	ng		99
84) Bis(2-ethylhexyl)phtha...	21.668	149	419645	43.626	ng		98
85) Di-n-octyl phthalate	22.926	149	709677	43.505	ng	#	92
87) Indeno(1,2,3-cd)pyrene	29.089	276	857116	46.205	ng	#	94
88) Benzo(b)fluoranthene	24.113	252	748422	48.826	ng		99
89) Benzo(k)fluoranthene	24.183	252	719114	46.616	ng		98
90) Benzo(a)pyrene	25.035	252	662820	50.613	ng		98
91) Dibenzo(a,h)anthracene	29.154	278	738072	48.838	ng		98
92) Benzo(g,h,i)perylene	30.311	276	731415	47.907	ng		96

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

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