Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054696.D
Acq On : 23 Aug 2022 1:10
Operator : CG/JU
Sample : PB147112BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 23 05:23:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB147112BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Jagrut Upadhyay 08/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	62128	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	260964	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	166383	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	357084	20.000	ng	0.00
76) Chrysene-d12	21.825	240	330392	20.000	ng	0.00
86) Perylene-d12	25.198	264	348260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	480170	145.641	ng	0.00
7) Phenol-d6	7.307	99	621525	134.539	ng	0.00
23) Nitrobenzene-d5	9.334	82	363564	79.395	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	203096	152.421	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	835775	74.077	ng	0.00
79) Terphenyl-d14	20.133	244	1335851	80.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	50738	29.932	ng	97
3) Pyridine	3.952	79	144831	30.517	ng	99
4) n-Nitrosodimethylamine	3.864	42	86545	41.629	ng	98
6) Aniline	7.477	93	251442	43.627	ng	98
8) 2-Chlorophenol	7.718	128	174256	49.624	ng	96
9) Benzaldehyde	7.289	77	132164	41.380	ng	100
10) Phenol	7.330	94	224331	46.881	ng	98
11) bis(2-Chloroethyl)ether	7.571	93	173322	42.376	ng	100
12) 1,3-Dichlorobenzene	8.047	146	189129	41.958	ng	99
13) 1,4-Dichlorobenzene	8.194	146	190135	41.858	ng	98
14) 1,2-Dichlorobenzene	8.517	146	186308	43.490	ng	98
15) Benzyl Alcohol	8.394	79	156448	48.596	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.688	45	281145	44.303	ng	99
17) 2-Methylphenol	8.594	107	152404	47.239	ng	98
18) Hexachloroethane	9.252	117	65941	43.956	ng	97
19) n-Nitroso-di-n-propyla...	8.970	70	141659	43.584	ng	97
20) 3+4-Methylphenols	8.923	107	202483	47.015	ng	98
22) Acetophenone	8.987	105	266421	40.536	ng	99
24) Nitrobenzene	9.375	77	193543	41.110	ng	100
25) Isophorone	9.898	82	379724	43.508	ng	100
26) 2-Nitrophenol	10.086	139	67249	48.048	ng	95
27) 2,4-Dimethylphenol	10.133	122	166941	52.438	ng	95
28) bis(2-Chloroethoxy)met...	10.380	93	234201	45.426	ng	100
29) 2,4-Dichlorophenol	10.621	162	160837	47.085	ng	99
30) 1,2,4-Trichlorobenzene	10.838	180	175382	38.529	ng	99
31) Naphthalene	11.038	128	541880	38.583	ng	100
32) Benzoic acid	10.274	122	88106m	50.374	ng	
33) 4-Chloroaniline	11.138	127	177025	31.933	ng	99
34) Hexachlorobutadiene	11.314	225	111429	38.775	ng	97
35) Caprolactam	11.913	113	51263m	48.065	ng	
36) 4-Chloro-3-methylphenol	12.242	107	172721	47.584	ng	99
37) 2-Methylnaphthalene	12.630	142	380367	39.422	ng	98
38) 1-Methylnaphthalene	12.848	142	363065	38.910	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	199218	38.782	ng	99
41) Hexachlorocyclopentadiene	12.971	237	233388	109.307	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	127732	47.331	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.294	196	140609	46.036	ng	98
46)	1,1'-Biphenyl	13.629	154	498666	39.609	ng	99
47)	2-Chloronaphthalene	13.670	162	369951	38.521	ng	100
48)	2-Nitroaniline	13.870	65	103213	43.833	ng	99
49)	Acenaphthylene	14.516	152	609923	39.072	ng	99
50)	Dimethylphthalate	14.240	163	478673	42.724	ng	99
51)	2,6-Dinitrotoluene	14.358	165	94439	46.346	ng	97
52)	Acenaphthene	14.857	154	404063	42.219	ng	99
53)	3-Nitroaniline	14.692	138	90559	38.539	ng	100
54)	2,4-Dinitrophenol	14.892	184	77989	107.310	ng	98
55)	Dibenzofuran	15.186	168	565032	38.957	ng	99
56)	4-Nitrophenol	14.980	139	177004	101.344	ng	99
57)	2,4-Dinitrotoluene	15.139	165	129400	42.981	ng	97
58)	Fluorene	15.832	166	467520	38.992	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.403	232	119955	47.172	ng	97
60)	Diethylphthalate	15.597	149	478012	43.739	ng	98
61)	4-Chlorophenyl-phenyle...	15.821	204	238033	40.090	ng	99
62)	4-Nitroaniline	15.856	138	109210	42.648	ng	96
63)	Azobenzene	16.114	77	473471	39.009	ng	100
65)	4,6-Dinitro-2-methylph...	15.903	198	51699	47.397	ng	99
66)	n-Nitrosodiphenylamine	16.038	169	417645	41.158	ng	99
67)	4-Bromophenyl-phenylether	16.719	248	137180	39.908	ng	98
68)	Hexachlorobenzene	16.831	284	174710	40.283	ng	99
69)	Atrazine	16.978	200	151730	50.458	ng	100
70)	Pentachlorophenol	17.172	266	198797	82.252	ng	99
71)	Phenanthrene	17.577	178	743609	39.068	ng	99
72)	Anthracene	17.665	178	755336	40.953	ng	99
73)	Carbazole	17.936	167	703707	42.885	ng	100
74)	Di-n-butylphthalate	18.482	149	825107	47.134	ng	99
75)	Fluoranthene	19.581	202	911073	40.601	ng	99
77)	Benzidine	19.757	184	555015	77.370	ng	98
78)	Pyrene	19.939	202	920037	39.478	ng	98
80)	Butylbenzylphthalate	20.821	149	338045	44.537	ng	99
81)	Benzo(a)anthracene	21.808	228	899169	40.072	ng	99
82)	3,3'-Dichlorobenzidine	21.719	252	283573	41.822	ng	98
83)	Chrysene	21.878	228	837932	39.240	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.702	149	517739	44.779	ng	98
85)	Di-n-octyl phthalate	22.965	149	849687	49.106	ng	98
87)	Indeno(1,2,3-cd)pyrene	29.076	276	1073872	41.322	ng	99
88)	Benzo(b)fluoranthene	24.123	252	958860	44.341	ng	100
89)	Benzo(k)fluoranthene	24.199	252	934979	41.898	ng	99
90)	Benzo(a)pyrene	25.039	252	845051	45.529	ng	99
91)	Dibenzo(a,h)anthracene	29.152	278	923155	43.241	ng	99
92)	Benzo(g,h,i)perylene	30.292	276	901660	43.201	ng	99

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

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