Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054819.D
Acq On : 1 Sep 2022 12:38
Operator : CG/JU
Sample : PB147322BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 01 14:34:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB147322BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

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09/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	41386	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	176314	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	118467	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	270795	20.000	ng	0.00
76) Chrysene-d12	21.824	240	255046	20.000	ng	0.00
86) Perylene-d12	25.191	264	273886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	333812	140.455	ng	0.00
7) Phenol-d6	7.300	99	442835	136.246	ng	0.00
23) Nitrobenzene-d5	9.321	82	262483	78.153	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	201878	136.374	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	625029	79.299	ng	0.00
79) Terphenyl-d14	20.126	244	1102674	85.664	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	36587	32.239	ng	98
3) Pyridine	3.934	79	101574	32.089	ng	97
4) n-Nitrosodimethylamine	3.851	42	55140	40.297	ng	98
6) Aniline	7.465	93	162091	41.973	ng	100
8) 2-Chlorophenol	7.711	128	131737	50.734	ng	97
9) Benzaldehyde	7.277	77	43154	20.258	ng	94
10) Phenol	7.324	94	163474	48.907	ng	99
11) bis(2-Chloroethyl)ether	7.559	93	118852	44.212	ng	98
12) 1,3-Dichlorobenzene	8.035	146	137555	45.777	ng	98
13) 1,4-Dichlorobenzene	8.182	146	137426	45.340	ng	98
14) 1,2-Dichlorobenzene	8.505	146	134867	46.926	ng	99
15) Benzyl Alcohol	8.381	79	113907	48.510	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.675	45	178835	42.515	ng	99
17) 2-Methylphenol	8.587	107	114063	49.563	ng	97
18) Hexachloroethane	9.239	117	48223	43.875	ng	96
19) n-Nitroso-di-n-propyla...	8.951	70	98108	43.894	ng	98
20) 3+4-Methylphenols	8.916	107	154868	48.529	ng	95
22) Acetophenone	8.975	105	190909	43.280	ng	98
24) Nitrobenzene	9.362	77	139767	41.287	ng	98
25) Isophorone	9.885	82	271317	43.325	ng	98
26) 2-Nitrophenol	10.079	139	71254	47.650	ng	97
27) 2,4-Dimethylphenol	10.126	122	126236	53.281	ng	97
28) bis(2-Chloroethoxy)met...	10.367	93	162818	45.627	ng	99
29) 2,4-Dichlorophenol	10.614	162	127105	47.166	ng	98
30) 1,2,4-Trichlorobenzene	10.831	180	132494	43.023	ng	96
31) Naphthalene	11.025	128	397069	41.975	ng	99
32) Benzoic acid	10.291	122	37068	26.155	ng	96
33) 4-Chloroaniline	11.131	127	120563	31.262	ng	98
34) Hexachlorobutadiene	11.301	225	86056	43.614	ng	99
35) Caprolactam	11.907	113	43067m	45.299	ng	
36) 4-Chloro-3-methylphenol	12.241	107	136952	46.473	ng	99
37) 2-Methylnaphthalene	12.623	142	282179	42.560	ng	99
38) 1-Methylnaphthalene	12.841	142	269572	41.790	ng	99
40) 1,2,4,5-Tetrachloroben...	12.982	216	158848	44.481	ng	100
41) Hexachlorocyclopentadiene	12.958	237	185652	98.027	ng	97
43) 2,4,6-Trichlorophenol	13.223	196	104609	44.133	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	115826	43.511	ng		98
46) 1,1'-Biphenyl	13.616	154	383942	43.643	ng		99
47) 2-Chloronaphthalene	13.669	162	283028	42.362	ng		98
48) 2-Nitroaniline	13.869	65	88367	42.203	ng		93
49) Acenaphthylene	14.509	152	472710	42.875	ng		99
50) Dimethylphthalate	14.233	163	386076	42.301	ng		100
51) 2,6-Dinitrotoluene	14.357	165	84131	45.067	ng		88
52) Acenaphthene	14.850	154	328378m	46.367	ng		
53) 3-Nitroaniline	14.686	138	69970	33.482	ng		93
54) 2,4-Dinitrophenol	14.891	184	86413	81.852	ng		95
55) Dibenzofuran	15.179	168	447201	42.973	ng		99
56) 4-Nitrophenol	14.991	139	145962	90.256	ng		94
57) 2,4-Dinitrotoluene	15.138	165	120767	46.771	ng		89
58) Fluorene	15.826	166	372169	42.452	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.402	232	101968	42.494	ng		99
60) Diethylphthalate	15.585	149	386231	42.379	ng		97
61) 4-Chlorophenyl-phenyle...	15.814	204	193424	44.724	ng		98
62) 4-Nitroaniline	15.855	138	92425	43.319	ng		93
63) Azobenzene	16.108	77	345819	39.927	ng		97
65) 4,6-Dinitro-2-methylph...	15.902	198	62262	45.169	ng		99
66) n-Nitrosodiphenylamine	16.031	169	339423	43.464	ng		100
67) 4-Bromophenyl-phenylether	16.713	248	136599	45.945	ng		98
68) Hexachlorobenzene	16.830	284	153805	46.018	ng		96
69) Atrazine	16.971	200	131202	47.623	ng		99
70) Pentachlorophenol	17.177	266	155395	85.571	ng		99
71) Phenanthrene	17.571	178	614331	42.587	ng		99
72) Anthracene	17.665	178	621850	44.339	ng		99
73) Carbazole	17.929	167	581355	44.990	ng		99
74) Di-n-butylphthalate	18.475	149	696035	42.568	ng		99
75) Fluoranthene	19.580	202	769061	43.825	ng		98
77) Benzidine	19.756	184	373630	59.145	ng		99
78) Pyrene	19.938	202	771885	43.403	ng		99
80) Butylbenzylphthalate	20.808	149	309116	41.671	ng		97
81) Benzo(a)anthracene	21.801	228	745176	43.092	ng		99
82) 3,3'-Dichlorobenzidine	21.713	252	236386	38.988	ng		99
83) Chrysene	21.871	228	707611	42.796	ng		99
84) Bis(2-ethylhexyl)phtha...	21.683	149	451474	42.243	ng		100
85) Di-n-octyl phthalate	22.947	149	754257	41.615	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.069	276	882479	42.442	ng	#	93
88) Benzo(b)fluoranthene	24.116	252	778789	45.328	ng		99
89) Benzo(k)fluoranthene	24.186	252	764559	44.217	ng		98
90) Benzo(a)pyrene	25.032	252	691621	47.117	ng		98
91) Dibenzo(a,h)anthracene	29.145	278	763255	45.058	ng		98
92) Benzo(g,h,i)perylene	30.297	276	764253	44.659	ng		96

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

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