Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
Data File : BG054751.D
Acq On : 26 Aug 2022 11:18
Operator : CG/JU
Sample : PB147143BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 27 02:08:20 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 :
PB147143BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.147	152	51663	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	212835	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	138627	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	316206	20.000	ng		0.00
76) Chrysene-d12	21.825	240	297355	20.000	ng		0.00
86) Perylene-d12	25.192	264	318525	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	443228	149.395	ng		0.00
7) Phenol-d6	7.295	99	573937	141.455	ng		0.00
23) Nitrobenzene-d5	9.322	82	348137	85.869	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	236945	136.786	ng		0.00
45) 2-Fluorobiphenyl	13.411	172	780011	84.570	ng		0.00
79) Terphenyl-d14	20.133	244	1329670	88.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	51718	36.506	ng		96
3) Pyridine	3.940	79	140726	35.614	ng		98
4) n-Nitrosodimethylamine	3.852	42	77706	45.492	ng		97
6) Aniline	7.466	93	232041	48.134	ng		99
8) 2-Chlorophenol	7.712	128	166564	51.386	ng		99
9) Benzaldehyde	7.283	77	96875	36.429	ng		99
10) Phenol	7.325	94	204627	49.041	ng		97
11) bis(2-Chloroethyl)ether	7.560	93	160087	47.705	ng		98
12) 1,3-Dichlorobenzene	8.035	146	177655	47.361	ng		98
13) 1,4-Dichlorobenzene	8.188	146	178844	47.268	ng		97
14) 1,2-Dichlorobenzene	8.505	146	175681	48.967	ng		99
15) Benzyl Alcohol	8.388	79	143223m	48.862	ng		
16) 2,2'-oxybis(1-Chloropr...	8.676	45	243668	46.404	ng		99
17) 2-Methylphenol	8.588	107	140878	49.038	ng		99
18) Hexachloroethane	9.246	117	65033	47.399	ng		98
19) n-Nitroso-di-n-propyla...	8.958	70	127121	45.561	ng		99
20) 3+4-Methylphenols	8.917	107	188466	47.309	ng		97
22) Acetophenone	8.981	105	242677	45.576	ng	#	98
24) Nitrobenzene	9.369	77	181774	44.482	ng		97
25) Isophorone	9.886	82	347509	45.970	ng		100
26) 2-Nitrophenol	10.080	139	84908	47.038	ng		95
27) 2,4-Dimethylphenol	10.127	122	152013	53.151	ng		98
28) bis(2-Chloroethoxy)met...	10.368	93	209615	48.662	ng		98
29) 2,4-Dichlorophenol	10.615	162	153079	47.057	ng		99
30) 1,2,4-Trichlorobenzene	10.832	180	164355	44.211	ng		99
31) Naphthalene	11.026	128	499507	43.743	ng		99
32) Benzoic acid	10.268	122	72346	37.475	ng		93
33) 4-Chloroaniline	11.132	127	183189	39.350	ng		99
34) Hexachlorobutadiene	11.302	225	105052	44.106	ng		99
35) Caprolactam	11.902	113	53994m	47.047	ng		
36) 4-Chloro-3-methylphenol	12.236	107	167490	47.083	ng		94
37) 2-Methylnaphthalene	12.624	142	348770	43.577	ng		99
38) 1-Methylnaphthalene	12.842	142	331072	42.517	ng		98
40) 1,2,4,5-Tetrachloroben...	12.988	216	185366	44.358	ng		99
41) Hexachlorocyclopentadiene	12.965	237	257873	116.360	ng		99
43) 2,4,6-Trichlorophenol	13.218	196	126533	45.619	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	138987	44.619	ng	98
46) 1,1'-Biphenyl	13.623	154	461333	44.814	ng	100
47) 2-Chloronaphthalene	13.670	162	341086	43.627	ng	98
48) 2-Nitroaniline	13.870	65	111455	45.488	ng	96
49) Acenaphthylene	14.510	152	568347	44.053	ng	99
50) Dimethylphthalate	14.234	163	465596	43.595	ng	98
51) 2,6-Dinitrotoluene	14.357	165	100355	45.940	ng	89
52) Acenaphthene	14.851	154	397320m	47.943	ng	
53) 3-Nitroaniline	14.686	138	97933	40.048	ng	94
54) 2,4-Dinitrophenol	14.892	184	106022	85.497	ng	92
55) Dibenzofuran	15.186	168	530153	43.535	ng	100
56) 4-Nitrophenol	14.986	139	186060	98.319	ng	95
57) 2,4-Dinitrotoluene	15.139	165	141476	46.823	ng	92
58) Fluorene	15.832	166	444929	43.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	122300	43.555	ng	97
60) Diethylphthalate	15.591	149	465271	43.628	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	227893	45.031	ng	99
62) 4-Nitroaniline	15.850	138	112456	45.042	ng	97
63) Azobenzene	16.114	77	436286	43.046	ng	97
65) 4,6-Dinitro-2-methylph...	15.903	198	72128	44.812	ng	99
66) n-Nitrosodiphenylamine	16.032	169	404876	44.400	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	156896	45.193	ng	99
68) Hexachlorobenzene	16.831	284	174499	44.712	ng	98
69) Atrazine	16.972	200	151461	47.081	ng	100
70) Pentachlorophenol	17.172	266	201215	94.890	ng	98
71) Phenanthrene	17.577	178	724024	42.983	ng	99
72) Anthracene	17.665	178	736804	44.991	ng	100
73) Carbazole	17.936	167	693623	45.970	ng	99
74) Di-n-butylphthalate	18.482	149	839896	43.989	ng	99
75) Fluoranthene	19.581	202	906799	44.253	ng	99
77) Benzidine	19.757	184	671279	91.143	ng	99
78) Pyrene	19.939	202	906467	43.718	ng	99
80) Butylbenzylphthalate	20.815	149	374454	43.296	ng	99
81) Benzo(a)anthracene	21.808	228	884355	43.864	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	302451	42.787	ng	99
83) Chrysene	21.878	228	826203	42.859	ng	99
84) Bis(2-ethylhexyl)phtha...	21.696	149	551742	44.279	ng	98
85) Di-n-octyl phthalate	22.959	149	934432	44.220	ng	96
87) Indeno(1,2,3-cd)pyrene	29.075	276	1056271	43.681	ng	99
88) Benzo(b)fluoranthene	24.122	252	953683	47.729	ng	99
89) Benzo(k)fluoranthene	24.193	252	906127	45.060	ng	99
90) Benzo(a)pyrene	25.039	252	828791	48.549	ng	99
91) Dibenzo(a,h)anthracene	29.152	278	908230	46.102	ng	99
92) Benzo(g,h,i)perylene	30.286	276	903500	45.397	ng	99

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

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