Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049197.D
Acq On : 7 Jul 2021 13:11
Operator : CG/JU
Sample : PB137511BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137511BS

Manual Integrations APPROVED
mohammad
7/8/2021 12:40:18 PM

Quant Time: Jul 07 14:08:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	36940	20.000	ng		0.00
21) Naphthalene-d8	10.905	136	152181	20.000	ng	#	0.00
39) Acenaphthene-d10	14.730	164	109648	20.000	ng		0.00
64) Phenanthrene-d10	17.479	188	252770	20.000	ng	#	0.00
76) Chrysene-d12	21.768	240	261287	20.000	ng		0.00
86) Perylene-d12	25.070	264	253791	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	300839	127.557	ng		0.00
7) Phenol-d6	7.244	99	395307	117.564	ng		0.00
23) Nitrobenzene-d5	9.254	82	278559	77.606	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	226558	119.191	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	623131	76.672	ng		0.00
79) Terphenyl-d14	20.088	244	1140324	73.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	31377	30.303	ng	#	82
3) Pyridine	3.907	79	81668	29.171	ng		90
4) n-Nitrosodimethylamine	3.825	42	66130	41.588	ng	#	83
6) Aniline	7.403	93	127270	31.089	ng		93
8) 2-Chlorophenol	7.650	128	115920	44.798	ng		92
9) Benzaldehyde	7.215	77	11342m	6.413	ng		
10) Phenol	7.268	94	148760	44.040	ng		93
11) bis(2-Chloroethyl)ether	7.497	93	101501	41.197	ng		84
12) 1,3-Dichlorobenzene	7.973	146	118369	40.900	ng		95
13) 1,4-Dichlorobenzene	8.120	146	120942	41.556	ng		98
14) 1,2-Dichlorobenzene	8.437	146	118879	42.428	ng		94
15) Benzyl Alcohol	8.319	79	124038	41.891	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.613	45	169235	40.462	ng		86
17) 2-Methylphenol	8.525	107	100133	43.993	ng		95
18) Hexachloroethane	9.177	117	47249	40.656	ng		96
19) n-Nitroso-di-n-propyla...	8.895	70	94472	39.094	ng		99
20) 3+4-Methylphenols	8.854	107	133577	42.332	ng		98
22) Acetophenone	8.913	105	186527	41.090	ng	#	99
24) Nitrobenzene	9.301	77	148414	38.161	ng		99
25) Isophorone	9.824	82	249088	36.127	ng		96
26) 2-Nitrophenol	10.012	139	64199	41.463	ng		94
27) 2,4-Dimethylphenol	10.065	122	109246	47.027	ng		95
28) bis(2-Chloroethoxy)met...	10.305	93	141715	43.588	ng		94
29) 2,4-Dichlorophenol	10.552	162	119075	42.742	ng		91
30) 1,2,4-Trichlorobenzene	10.770	180	132594	40.414	ng		94
31) Naphthalene	10.958	128	343328	38.749	ng		98
32) Benzoic acid	10.229	122	73903	40.516	ng	#	67
33) 4-Chloroaniline	11.063	127	69492	18.968	ng		99
34) Hexachlorobutadiene	11.240	225	96997	40.016	ng		95
35) Caprolactam	11.839	113	36857m	41.684	ng		
36) 4-Chloro-3-methylphenol	12.186	107	135367	42.228	ng		96
37) 2-Methylnaphthalene	12.562	142	267840	40.141	ng		95
38) 1-Methylnaphthalene	12.779	142	245042	38.779	ng		92
40) 1,2,4,5-Tetrachloroben...	12.926	216	156902	41.017	ng		97
41) Hexachlorocyclopentadiene	12.908	237	220456	97.294	ng		93
43) 2,4,6-Trichlorophenol	13.161	196	108178	40.954	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	115526	39.994	ng		91
46) 1,1'-Biphenyl	13.566	154	342897	41.862	ng		97
47) 2-Chloronaphthalene	13.607	162	263730	39.128	ng		99
48) 2-Nitroaniline	13.807	65	102280	41.615	ng		97
49) Acenaphthylene	14.453	152	433770	40.820	ng		97
50) Dimethylphthalate	14.183	163	358169	40.702	ng		99
51) 2,6-Dinitrotoluene	14.295	165	81178	40.241	ng		92
52) Acenaphthene	14.794	154	252485	38.123	ng		89
53) 3-Nitroaniline	14.630	138	54552	28.153	ng		84
54) 2,4-Dinitrophenol	14.841	184	107341	77.653	ng		93
55) Dibenzofuran	15.129	168	419102	38.872	ng		99
56) 4-Nitrophenol	14.947	139	136199	86.253	ng		92
57) 2,4-Dinitrotoluene	15.088	165	118576	41.380	ng		92
58) Fluorene	15.775	166	352021	39.477	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.352	232	114320	42.515	ng	#	94
60) Diethylphthalate	15.540	149	383314	41.109	ng		98
61) 4-Chlorophenyl-phenyle...	15.764	204	195979	39.707	ng		98
62) 4-Nitroaniline	15.799	138	78853	39.173	ng	#	82
63) Azobenzene	16.057	77	355934	37.864	ng		90
65) 4,6-Dinitro-2-methylph...	15.852	198	68933	38.177	ng		95
66) n-Nitrosodiphenylamine	15.981	169	312568	39.538	ng		97
67) 4-Bromophenyl-phenylether	16.663	248	137311	40.266	ng		94
68) Hexachlorobenzene	16.786	284	152240	40.382	ng		92
69) Atrazine	16.927	200	135466	51.599	ng		98
70) Pentachlorophenol	17.127	266	200729	91.472	ng		97
71) Phenanthrene	17.520	178	577380	39.667	ng		97
72) Anthracene	17.614	178	591478	40.763	ng		98
73) Carbazole	17.879	167	548613	39.656	ng		99
74) Di-n-butylphthalate	18.437	149	675674	42.479	ng		98
75) Fluoranthene	19.530	202	751787	41.257	ng		98
77) Benzidine	19.706	184	229483	40.889	ng		97
78) Pyrene	19.894	202	748709	38.580	ng		98
80) Butylbenzylphthalate	20.770	149	296545	40.333	ng		96
81) Benzo(a)anthracene	21.745	228	738667	37.902	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	202194	30.498	ng		100
83) Chrysene	21.815	228	713083	38.515	ng		97
84) Bis(2-ethylhexyl)phtha...	21.645	149	419955	40.439	ng		96
85) Di-n-octyl phthalate	22.885	149	708002	40.508	ng		98
87) Indeno(1,2,3-cd)pyrene	28.860	276	886050	43.754	ng		98
88) Benzo(b)fluoranthene	24.019	252	783437	42.777	ng	#	95
89) Benzo(k)fluoranthene	24.089	252	737595	42.216	ng	#	99
90) Benzo(a)pyrene	24.918	252	740056	43.804	ng		99
91) Dibenzo(a,h)anthracene	28.931	278	743453	43.495	ng	#	97
92) Benzo(g,h,i)perylene	30.053	276	744013	44.157	ng		99

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

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