Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049623.D
Acq On : 3 Aug 2021 13:56
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:28 PM

Quant Time: Aug 03 14:43:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 11:43:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.042	152	34888	20.000	ng		0.00
21) Naphthalene-d8	10.868	136	127317	20.000	ng	#	0.00
39) Acenaphthene-d10	14.698	164	84548	20.000	ng		0.00
64) Phenanthrene-d10	17.453	188	184944	20.000	ng	#	0.00
76) Chrysene-d12	21.736	240	169056	20.000	ng		0.00
86) Perylene-d12	25.008	264	173733	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	294378	143.157	ng		0.00
7) Phenol-d6	7.208	99	440729	147.165	ng		0.00
23) Nitrobenzene-d5	9.223	82	441614	155.409	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	207754	183.487	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	896560	152.586	ng		0.00
79) Terphenyl-d14	20.061	244	1398567	161.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.460	88	62075	66.634	ng		96
3) Pyridine	3.872	79	180154m	75.888	ng		
4) n-Nitrosodimethylamine	3.789	42	99797	85.604	ng	#	77
6) Aniline	7.367	93	233622	72.131	ng	#	92
8) 2-Chlorophenol	7.608	128	156715	74.320	ng		93
10) Phenol	7.232	94	211073	73.990	ng		90
11) bis(2-Chloroethyl)ether	7.461	93	143993	73.684	ng		92
12) 1,3-Dichlorobenzene	7.931	146	176670	70.858	ng		98
13) 1,4-Dichlorobenzene	8.078	146	179433	72.272	ng		95
14) 1,2-Dichlorobenzene	8.401	146	170887	71.250	ng		96
15) Benzyl Alcohol	8.289	79	189502	77.412	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.577	45	160156	70.161	ng		97
17) 2-Methylphenol	8.489	107	143048	75.314	ng		99
18) Hexachloroethane	9.135	117	71494	74.095	ng		97
19) n-Nitroso-di-n-propyla...	8.865	70	142511	72.425	ng	#	88
20) 3+4-Methylphenols	8.824	107	199182	76.526	ng		96
22) Acetophenone	8.877	105	266681	78.220	ng	#	96
24) Nitrobenzene	9.264	77	235860	79.029	ng		95
25) Isophorone	9.787	82	400035	79.454	ng		98
26) 2-Nitrophenol	9.975	139	92914	85.767	ng		91
27) 2,4-Dimethylphenol	10.028	122	134347	77.571	ng		98
28) bis(2-Chloroethoxy)met...	10.269	93	173537	77.253	ng		92
29) 2,4-Dichlorophenol	10.510	162	166019	82.664	ng		95
30) 1,2,4-Trichlorobenzene	10.727	180	182314	80.378	ng		97
31) Naphthalene	10.921	128	512942	76.392	ng		98
32) Benzoic acid	10.233	122	101389	89.098	ng	#	70
33) 4-Chloroaniline	11.027	127	209886	81.911	ng		97
34) Hexachlorobutadiene	11.203	225	132760	81.682	ng		95
35) Caprolactam	11.837	113	51588	82.719	ng	#	87
36) 4-Chloro-3-methylphenol	12.154	107	191686	80.925	ng	#	93
37) 2-Methylnaphthalene	12.525	142	385845	78.733	ng		93
38) 1-Methylnaphthalene	12.742	142	361236	77.094	ng		93
40) 1,2,4,5-Tetrachloroben...	12.895	216	200594	80.231	ng		97
43) 2,4,6-Trichlorophenol	13.130	196	141342	86.677	ng		99
44) 2,4,5-Trichlorophenol	13.206	196	149240	84.602	ng		89
46) 1,1'-Biphenyl	13.529	154	476032	76.800	ng		97

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47) 2-Chloronaphthalene	13.576	162	379165	79.641	ng		99
48) 2-Nitroaniline	13.782	65	141741	85.552	ng		93
49) Acenaphthylene	14.422	152	595781	77.184	ng		97
50) Dimethylphthalate	14.152	163	490557	79.868	ng		99
51) 2,6-Dinitrotoluene	14.275	165	109302	81.961	ng		99
52) Acenaphthene	14.763	154	361943	77.687	ng		94
53) 3-Nitroaniline	14.610	138	111838	83.637	ng		98
54) 2,4-Dinitrophenol	14.816	184	72277	128.770	ng		99
55) Dibenzofuran	15.098	168	574841	76.892	ng		94
56) 4-Nitrophenol	14.915	139	84385	80.001	ng		94
57) 2,4-Dinitrotoluene	15.068	165	159618	86.604	ng		94
58) Fluorene	15.750	166	467570	77.182	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.327	232	133182	82.587	ng		96
60) Diethylphthalate	15.515	149	499448	80.952	ng		98
61) 4-Chlorophenyl-phenyle...	15.738	204	255292	82.850	ng		95
62) 4-Nitroaniline	15.779	138	110722	78.670	ng		95
63) Azobenzene	16.032	77	515668	75.476	ng		88
65) 4,6-Dinitro-2-methylph...	15.832	198	100906	100.714	ng		88
66) n-Nitrosodiphenylamine	15.955	169	407943	76.791	ng		96
67) 4-Bromophenyl-phenylether	16.631	248	169481	80.906	ng		97
68) Hexachlorobenzene	16.760	284	189611	79.935	ng		97
69) Atrazine	16.901	200	152008	72.213	ng		100
70) Pentachlorophenol	17.101	266	111692	104.767	ng		100
71) Phenanthrene	17.494	178	734368	73.867	ng		98
72) Anthracene	17.588	178	715263	73.199	ng		97
73) Carbazole	17.853	167	685421	73.746	ng		98
74) Di-n-butylphthalate	18.405	149	798519	75.342	ng		99
75) Fluoranthene	19.503	202	881380	71.202	ng		99
78) Pyrene	19.868	202	871165	78.510	ng		96
80) Butylbenzylphthalate	20.743	149	354114	87.774	ng		99
81) Benzo(a)anthracene	21.718	228	834672	77.945	ng		99
82) 3,3'-Dichlorobenzidine	21.624	252	249245	80.680	ng		98
83) Chrysene	21.783	228	799337	77.403	ng		96
84) Bis(2-ethylhexyl)phtha...	21.606	149	501269	82.852	ng		95
85) Di-n-octyl phthalate	22.834	149	817869	78.262	ng		100
87) Indeno(1,2,3-cd)pyrene	28.773	276	973115	79.125	ng		97
88) Benzo(b)fluoranthene	23.974	252	908108	81.119	ng	#	98
89) Benzo(k)fluoranthene	24.044	252	815675	78.334	ng	#	99
90) Benzo(a)pyrene	24.867	252	804950	79.332	ng		97
91) Dibenzo(a,h)anthracene	28.844	278	820804	79.472	ng		96
92) Benzo(g,h,i)perylene	29.971	276	809790	79.236	ng		97

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

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