Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049931.D
Acq On : 23 Aug 2021 13:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/24/2021 11:18:44 AM

Quant Time: Aug 23 16:13:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.986	152	26111	20.000	ng		0.00
21) Naphthalene-d8	10.812	136	117126	20.000	ng	#	0.00
39) Acenaphthene-d10	14.648	164	81687	20.000	ng		0.00
64) Phenanthrene-d10	17.403	188	175535	20.000	ng	#	0.00
76) Chrysene-d12	21.679	240	135563	20.000	ng		0.00
86) Perylene-d12	24.922	264	139943	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.536	112	107284	73.654	ng		0.00
7) Phenol-d6	7.158	99	163103	73.973	ng		0.00
23) Nitrobenzene-d5	9.161	82	173423	65.521	ng		0.00
42) 2,4,6-Tribromophenol	16.145	330	86524	72.062	ng		0.00
45) 2-Fluorobiphenyl	13.261	172	390019	69.473	ng		0.00
79) Terphenyl-d14	20.011	244	579381	77.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	21976	34.525	ng		97
3) Pyridine	3.792	79	57911	33.191	ng	#	87
4) n-Nitrosodimethylamine	3.704	42	29961	31.935	ng	#	67
6) Aniline	7.310	93	89009	38.090	ng		97
8) 2-Chlorophenol	7.551	128	61666	38.831	ng		99
9) Benzaldehyde	7.117	77	48254	32.799	ng	#	88
10) Phenol	7.187	94	79867	37.383	ng		97
11) bis(2-Chloroethyl)ether	7.404	93	53103	36.813	ng		91
12) 1,3-Dichlorobenzene	7.874	146	67532	37.130	ng		94
13) 1,4-Dichlorobenzene	8.021	146	71083	38.610	ng		95
14) 1,2-Dichlorobenzene	8.344	146	65890	37.779	ng		97
15) Benzyl Alcohol	8.227	79	70904	38.291	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.509	45	60514	36.920	ng		97
17) 2-Methylphenol	8.444	107	54290	38.589	ng		92
18) Hexachloroethane	9.073	117	28632	40.456	ng		92
19) n-Nitroso-di-n-propyla...	8.797	70	57870	39.221	ng		89
20) 3+4-Methylphenols	8.779	107	78917	39.941	ng		96
22) Acetophenone	8.820	105	105772	33.240	ng		98
24) Nitrobenzene	9.202	77	89868	32.177	ng		98
25) Isophorone	9.725	82	158039	33.461	ng	#	94
26) 2-Nitrophenol	9.919	139	38125	35.769	ng		98
27) 2,4-Dimethylphenol	9.983	122	57383	36.425	ng		93
28) bis(2-Chloroethoxy)met...	10.206	93	75289	36.440	ng		97
29) 2,4-Dichlorophenol	10.465	162	70733	36.588	ng		96
30) 1,2,4-Trichlorobenzene	10.671	180	75635	35.533	ng		97
31) Naphthalene	10.859	128	207074	33.758	ng		99
32) Benzoic acid	10.136	122	24972	25.081	ng		81
33) 4-Chloroaniline	10.970	127	90699	37.453	ng		94
34) Hexachlorobutadiene	11.140	225	54615	35.307	ng		95
35) Caprolactam	11.751	113	23231	38.892	ng		90
36) 4-Chloro-3-methylphenol	12.110	107	82687	37.028	ng		96
37) 2-Methylnaphthalene	12.468	142	162511	35.169	ng		96
38) 1-Methylnaphthalene	12.691	142	152887	35.204	ng		96
40) 1,2,4,5-Tetrachloroben...	12.844	216	88863	36.920	ng		97
41) Hexachlorocyclopentadiene	12.815	237	44185	36.135	ng		95
43) 2,4,6-Trichlorophenol	13.085	196	60930	37.550	ng		93

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44) 2,4,5-Trichlorophenol	13.167	196	63044	35.813	ng		90
46) 1,1'-Biphenyl	13.479	154	206504	35.494	ng		98
47) 2-Chloronaphthalene	13.525	162	162427	34.954	ng		97
48) 2-Nitroaniline	13.725	65	58804	34.463	ng		98
49) Acenaphthylene	14.371	152	257479	34.959	ng		97
50) Dimethylphthalate	14.095	163	219856	35.673	ng	#	97
51) 2,6-Dinitrotoluene	14.225	165	48940	36.066	ng		95
52) Acenaphthene	14.712	154	155453	35.038	ng		93
53) 3-Nitroaniline	14.559	138	48929	36.974	ng		94
54) 2,4-Dinitrophenol	14.777	184	30247	39.263	ng		94
55) Dibenzofuran	15.047	168	250857	34.853	ng		96
56) 4-Nitrophenol	14.888	139	38636	39.964	ng		97
57) 2,4-Dinitrotoluene	15.018	165	70340	36.906	ng		94
58) Fluorene	15.699	166	208215	35.592	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.282	232	54824	33.532	ng		98
60) Diethylphthalate	15.458	149	220064	35.502	ng		95
61) 4-Chlorophenyl-phenyle...	15.681	204	108331	34.695	ng		92
62) 4-Nitroaniline	15.723	138	50614	37.183	ng	#	84
63) Azobenzene	15.981	77	217952	33.221	ng		87
65) 4,6-Dinitro-2-methylph...	15.793	198	41443	36.730	ng		90
66) n-Nitrosodiphenylamine	15.905	169	181781	36.651	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	75322	36.434	ng		98
68) Hexachlorobenzene	16.709	284	84959	36.990	ng		96
69) Atrazine	16.850	200	73707	37.150	ng		98
70) Pentachlorophenol	17.056	266	35974	29.209	ng		98
71) Phenanthrene	17.444	178	330758	35.815	ng		96
72) Anthracene	17.538	178	323662	35.686	ng		97
73) Carbazole	17.808	167	308497	35.913	ng		100
74) Di-n-butylphthalate	18.348	149	347572	34.710	ng		99
75) Fluoranthene	19.459	202	369255	32.493	ng		97
77) Benzidine	19.635	184	130164	37.474	ng		97
78) Pyrene	19.817	202	358755	38.818	ng		98
80) Butylbenzylphthalate	20.692	149	124365	35.333	ng		99
81) Benzo(a)anthracene	21.656	228	315414	35.727	ng		99
82) 3,3'-Dichlorobenzidine	21.573	252	92323	35.816	ng		95
83) Chrysene	21.726	228	295776	35.048	ng		98
84) Bis(2-ethylhexyl)phtha...	21.544	149	164838	33.085	ng		96
85) Di-n-octyl phthalate	22.760	149	277854	33.012	ng		97
87) Indeno(1,2,3-cd)pyrene	28.646	276	359306	35.601	ng	#	97
88) Benzo(b)fluoranthene	23.894	252	309247	33.694	ng	#	96
89) Benzo(k)fluoranthene	23.958	252	304035m	35.513	ng		
90) Benzo(a)pyrene	24.775	252	291630	35.110	ng	#	99
91) Dibenzo(a,h)anthracene	28.699	278	311361	36.611	ng	#	96
92) Benzo(g,h,i)perylene	29.815	276	304206	36.511	ng	#	96

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

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