Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
Data File : BG049137.D
Acq On : 30 Jun 2021 11:19
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
7/1/2021 2:51:24 PM

Quant Time: Jun 30 13:32:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 13:31:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	32767	20.000	ng		0.00
21) Naphthalene-d8	10.911	136	131671	20.000	ng	#	0.00
39) Acenaphthene-d10	14.736	164	95875	20.000	ng		0.00
64) Phenanthrene-d10	17.485	188	222948	20.000	ng	#	0.00
76) Chrysene-d12	21.769	240	220056	20.000	ng		0.00
86) Perylene-d12	25.076	264	231186	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	38934	18.497	ng		0.00
7) Phenol-d6	7.239	99	56873	18.027	ng		0.00
23) Nitrobenzene-d5	9.254	82	59446	19.467	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	31981	22.515	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	141555	20.857	ng		0.00
79) Terphenyl-d14	20.088	244	267737	22.282	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.519	88	9257	9.008	ng	#	67
3) Pyridine	3.931	79	22609	8.110	ng		92
4) n-Nitrosodimethylamine	3.842	42	12966	9.713	ng	#	88
6) Aniline	7.409	93	36033	9.069	ng		96
8) 2-Chlorophenol	7.650	128	21587	9.304	ng		82
9) Benzaldehyde	7.227	77	16853	10.323	ng	#	78
10) Phenol	7.268	94	28815	8.841	ng		86
11) bis(2-Chloroethyl)ether	7.503	93	21190	8.762	ng		82
12) 1,3-Dichlorobenzene	7.979	146	24381	9.407	ng		96
13) 1,4-Dichlorobenzene	8.126	146	24489	9.477	ng		96
14) 1,2-Dichlorobenzene	8.449	146	25296m	10.176	ng		
15) Benzyl Alcohol	8.325	79	25155	8.706	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.613	45	36869	8.058	ng		86
17) 2-Methylphenol	8.531	107	19393	9.073	ng		95
18) Hexachloroethane	9.183	117	9636	9.296	ng		97
19) n-Nitroso-di-n-propyla...	8.895	70	22070	8.950	ng	#	83
20) 3+4-Methylphenols	8.860	107	26229	8.975	ng		97
22) Acetophenone	8.913	105	38597	9.635	ng	#	97
24) Nitrobenzene	9.301	77	31848	9.259	ng		93
25) Isophorone	9.824	82	58018	8.721	ng		96
26) 2-Nitrophenol	10.018	139	12617	10.814	ng		95
27) 2,4-Dimethylphenol	10.070	122	19385	9.163	ng		95
28) bis(2-Chloroethoxy)met...	10.305	93	26625	8.643	ng		92
29) 2,4-Dichlorophenol	10.552	162	21998	9.269	ng		97
30) 1,2,4-Trichlorobenzene	10.770	180	27540	10.121	ng		91
31) Naphthalene	10.964	128	73762	9.403	ng		98
32) Benzoic acid	10.159	122	9817	7.105	ng		91
33) 4-Chloroaniline	11.069	127	29686	8.913	ng		96
34) Hexachlorobutadiene	11.246	225	20503	10.572	ng		91
35) Caprolactam	11.827	113	7044	10.268	ng	#	56
36) 4-Chloro-3-methylphenol	12.180	107	25320	8.728	ng	#	89
37) 2-Methylnaphthalene	12.568	142	55956	9.444	ng		96
38) 1-Methylnaphthalene	12.785	142	54955	9.879	ng		92
40) 1,2,4,5-Tetrachloroben...	12.932	216	31805	10.447	ng		96
41) Hexachlorocyclopentadiene	12.908	237	16373	8.366	ng		84
43) 2,4,6-Trichlorophenol	13.167	196	21431m	10.521	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	23154	10.993	ng		93
46) 1,1'-Biphenyl	13.566	154	68783	9.731	ng		99
47) 2-Chloronaphthalene	13.613	162	58559	10.374	ng		96
48) 2-Nitroaniline	13.807	65	20247	10.363	ng		94
49) Acenaphthylene	14.459	152	92633	9.848	ng	#	92
50) Dimethylphthalate	14.177	163	76447	10.236	ng		98
51) 2,6-Dinitrotoluene	14.301	165	17217	11.320	ng		97
52) Acenaphthene	14.794	154	55088m	9.087	ng		
53) 3-Nitroaniline	14.630	138	16678	10.831	ng		98
54) 2,4-Dinitrophenol	14.835	184	8196	11.634	ng	#	78
55) Dibenzofuran	15.129	168	94632	10.042	ng		96
56) 4-Nitrophenol	14.941	139	12719	10.132	ng	#	80
57) 2,4-Dinitrotoluene	15.082	165	23950	12.820	ng	#	89
58) Fluorene	15.781	166	77995	10.121	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.358	232	23356	10.955	ng	#	97
60) Diethylphthalate	15.541	149	83013	10.263	ng		93
61) 4-Chlorophenyl-phenyle...	15.770	204	42896	10.646	ng		100
62) 4-Nitroaniline	15.793	138	17291	11.104	ng	#	81
63) Azobenzene	16.063	77	83197	8.990	ng		89
65) 4,6-Dinitro-2-methylph...	15.852	198	14442	13.660	ng		89
66) n-Nitrosodiphenylamine	15.981	169	67196	9.671	ng		96
67) 4-Bromophenyl-phenylether	16.669	248	28081	10.087	ng		91
68) Hexachlorobenzene	16.786	284	32301	10.706	ng		97
69) Atrazine	16.927	200	23947	10.738	ng		94
70) Pentachlorophenol	17.133	266	16744	9.234	ng		94
71) Phenanthrene	17.526	178	126974	10.122	ng		98
72) Anthracene	17.615	178	129881	10.303	ng		99
73) Carbazole	17.885	167	119586	9.897	ng		96
74) Di-n-butylphthalate	18.437	149	139243	10.274	ng		99
75) Fluoranthene	19.530	202	161426	10.671	ng		97
77) Benzidine	19.706	184	41730	9.413	ng	#	95
78) Pyrene	19.894	202	165241	10.346	ng		96
80) Butylbenzylphthalate	20.776	149	59246	9.831	ng		98
81) Benzo(a)anthracene	21.745	228	163662	10.358	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	52567	10.404	ng	#	98
83) Chrysene	21.816	228	153100	10.106	ng		98
84) Bis(2-ethylhexyl)phtha...	21.651	149	84865	9.880	ng	#	92
85) Di-n-octyl phthalate	22.891	149	144424	9.913	ng		99
87) Indeno(1,2,3-cd)pyrene	28.860	276	178011	10.231	ng	#	96
88) Benzo(b)fluoranthene	24.025	252	160690	9.750	ng	#	98
89) Benzo(k)fluoranthene	24.089	252	157413	10.067	ng	#	95
90) Benzo(a)pyrene	24.918	252	150463	10.002	ng	#	99
91) Dibenzo(a,h)anthracene	28.925	278	153107	10.529	ng		97
92) Benzo(g,h,i)perylene	30.029	276	148547	10.131	ng		96

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

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