Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049617.D
Acq On : 3 Aug 2021 9:51
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:14 PM

Quant Time: Aug 03 15:10:07 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 15:06:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	24873	20.000	ng		0.00
21) Naphthalene-d8	10.862	136	98168	20.000	ng	#	0.00
39) Acenaphthene-d10	14.698	164	71371	20.000	ng		0.00
64) Phenanthrene-d10	17.442	188	158204	20.000	ng	#	0.00
76) Chrysene-d12	21.724	240	159027	20.000	ng		0.00
86) Perylene-d12	24.996	264	157734	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	12786	9.215	ng		0.00
7) Phenol-d6	7.197	99	19925	9.486	ng		0.00
23) Nitrobenzene-d5	9.212	82	21811	9.832	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	9733	9.278	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	47068	9.596	ng		0.00
79) Terphenyl-d14	20.050	244	85660	9.783	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2798	4.615	ng		95
3) Pyridine	3.884	79	6919m	4.149	ng		
4) n-Nitrosodimethylamine	3.795	42	4432	4.959	ng	#	86
6) Aniline	7.361	93	10415	4.679	ng	#	93
8) 2-Chlorophenol	7.608	128	7525	4.974	ng		85
9) Benzaldehyde	7.173	77	7169	5.370	ng		85
10) Phenol	7.226	94	9583	4.709	ng		97
11) bis(2-Chloroethyl)ether	7.461	93	6738	4.904	ng		88
12) 1,3-Dichlorobenzene	7.931	146	8937	5.158	ng		90
13) 1,4-Dichlorobenzene	8.078	146	8229m	4.692	ng		
14) 1,2-Dichlorobenzene	8.407	146	8034m	4.836	ng		
15) Benzyl Alcohol	8.283	79	7430	4.212	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.571	45	7695	4.928	ng		87
17) 2-Methylphenol	8.483	107	5774	4.308	ng	#	84
18) Hexachloroethane	9.135	117	2971	4.407	ng		97
19) n-Nitroso-di-n-propyla...	8.847	70	6719	4.780	ng		96
20) 3+4-Methylphenols	8.812	107	9085	4.827	ng		95
22) Acetophenone	8.871	105	12822	4.808	ng	#	89
24) Nitrobenzene	9.259	77	11277	4.817	ng	#	92
25) Isophorone	9.781	82	18689	4.721	ng		96
26) 2-Nitrophenol	9.975	139	3889	4.353	ng	#	74
27) 2,4-Dimethylphenol	10.022	122	6272	4.750	ng		92
28) bis(2-Chloroethoxy)met...	10.263	93	8540	4.932	ng	#	89
29) 2,4-Dichlorophenol	10.516	162	7198	4.442	ng		92
30) 1,2,4-Trichlorobenzene	10.727	180	8457	4.740	ng	#	82
31) Naphthalene	10.909	128	25107	4.883	ng		97
33) 4-Chloroaniline	11.027	127	8939	4.404	ng		91
34) Hexachlorobutadiene	11.197	225	6507	5.019	ng		89
35) Caprolactam	11.773	113	2317m	4.628	ng		
36) 4-Chloro-3-methylphenol	12.143	107	8275	4.421	ng		95
37) 2-Methylnaphthalene	12.519	142	19053	4.919	ng		98
38) 1-Methylnaphthalene	12.742	142	17614m	4.839	ng		
40) 1,2,4,5-Tetrachloroben...	12.889	216	10409	4.950	ng		98
41) Hexachlorocyclopentadiene	12.877	237	2417	2.783	ng		77
43) 2,4,6-Trichlorophenol	13.130	196	6125	4.320	ng	#	76
44) 2,4,5-Trichlorophenol	13.212	196	6978	4.537	ng	#	77

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.523	154	25647	5.045	ng		93
47) 2-Chloronaphthalene	13.576	162	20079	4.945	ng		99
48) 2-Nitroaniline	13.770	65	6666	4.471	ng	#	79
49) Acenaphthylene	14.416	152	31429	4.884	ng		97
50) Dimethylphthalate	14.140	163	27154	5.043	ng	#	99
51) 2,6-Dinitrotoluene	14.264	165	5397	4.552	ng	#	78
52) Acenaphthene	14.757	154	18967	4.893	ng		93
53) 3-Nitroaniline	14.598	138	5114	4.423	ng		93
55) Dibenzofuran	15.092	168	30845	4.905	ng		95
56) 4-Nitrophenol	14.910	139	3240	3.836	ng	#	65
57) 2,4-Dinitrotoluene	15.057	165	7986	4.796	ng	#	87
58) Fluorene	15.744	166	25835	5.054	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.321	232	6456	4.519	ng	#	96
60) Diethylphthalate	15.503	149	26934	4.973	ng	#	90
61) 4-Chlorophenyl-phenyle...	15.732	204	13170	4.828	ng		95
62) 4-Nitroaniline	15.756	138	5115	4.301	ng	#	82
63) Azobenzene	16.026	77	28737	5.013	ng		88
65) 4,6-Dinitro-2-methylph...	15.826	198	4286	4.215	ng	#	76
66) n-Nitrosodiphenylamine	15.944	169	21225	4.748	ng		97
67) 4-Bromophenyl-phenylether	16.625	248	8991	4.826	ng		93
68) Hexachlorobenzene	16.748	284	9873	4.769	ng		93
69) Atrazine	16.889	200	9284	5.192	ng		95
71) Phenanthrene	17.483	178	41264	4.958	ng	#	92
72) Anthracene	17.577	178	41003	5.016	ng		94
73) Carbazole	17.847	167	37077	4.789	ng	#	97
74) Di-n-butylphthalate	18.399	149	44591	4.941	ng		97
75) Fluoranthene	19.498	202	49095	4.793	ng		98
77) Benzidine	19.680	184	21522	5.282	ng		96
78) Pyrene	19.856	202	52765	4.867	ng		100
80) Butylbenzylphthalate	20.737	149	18785	4.550	ng		98
81) Benzo(a)anthracene	21.706	228	50023	4.830	ng		98
82) 3,3'-Dichlorobenzidine	21.618	252	13572	4.488	ng	#	84
83) Chrysene	21.771	228	50797	5.131	ng		94
84) Bis(2-ethylhexyl)phtha...	21.601	149	26473	4.529	ng	#	86
85) Di-n-octyl phthalate	22.828	149	44131	4.470	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.744	276	55228	4.855	ng	#	85
88) Benzo(b)fluoranthene	23.950	252	52689	5.093	ng		97
89) Benzo(k)fluoranthene	24.021	252	48265m	5.002	ng		
90) Benzo(a)pyrene	24.843	252	46232	4.938	ng	#	98
91) Dibenzo(a,h)anthracene	28.803	278	46236	4.823	ng	#	97
92) Benzo(g,h,i)perylene	29.919	276	45469	4.842	ng	#	90

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

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