Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054817.D
Acq On : 1 Sep 2022 11:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 01 14:33:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	43910	20.000	ng		0.00
21) Naphthalene-d8	10.972	136	171162	20.000	ng		0.00
39) Acenaphthene-d10	14.780	164	113959	20.000	ng		0.00
64) Phenanthrene-d10	17.529	188	266685	20.000	ng		0.00
76) Chrysene-d12	21.824	240	260173	20.000	ng		0.00
86) Perylene-d12	25.191	264	280063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	195351	77.471	ng		0.00
7) Phenol-d6	7.294	99	265164	76.893	ng		0.00
23) Nitrobenzene-d5	9.321	82	251321	77.082	ng		0.00
42) 2,4,6-Tribromophenol	16.266	330	121842	85.564	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	590297	77.855	ng		0.00
79) Terphenyl-d14	20.126	244	1014027	77.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	44361	36.842	ng		96
3) Pyridine	3.945	79	125003	37.220	ng		97
4) n-Nitrosodimethylamine	3.857	42	52495	36.159	ng		99
6) Aniline	7.465	93	157178	38.362	ng		99
8) 2-Chlorophenol	7.706	128	107393	38.981	ng		98
9) Benzaldehyde	7.283	77	80152	35.463	ng		97
10) Phenol	7.324	94	136916	38.607	ng		98
11) bis(2-Chloroethyl)ether	7.559	93	104233	36.545	ng		98
12) 1,3-Dichlorobenzene	8.035	146	122324	38.368	ng		99
13) 1,4-Dichlorobenzene	8.182	146	123987	38.555	ng		98
14) 1,2-Dichlorobenzene	8.505	146	117987	38.693	ng		99
15) Benzyl Alcohol	8.381	79	96327	38.665	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.669	45	154141	34.538	ng		99
17) 2-Methylphenol	8.587	107	95032	38.920	ng		99
18) Hexachloroethane	9.239	117	43244	37.084	ng		95
19) n-Nitroso-di-n-propyla...	8.951	70	86496	36.475	ng		99
20) 3+4-Methylphenols	8.916	107	133068	39.301	ng		97
22) Acetophenone	8.975	105	164809	38.488	ng		98
24) Nitrobenzene	9.363	77	125036	38.047	ng		99
25) Isophorone	9.885	82	226830	37.311	ng		98
26) 2-Nitrophenol	10.079	139	59372	40.900	ng		98
27) 2,4-Dimethylphenol	10.126	122	89499	38.912	ng		98
28) bis(2-Chloroethoxy)met...	10.361	93	126947	36.646	ng		99
29) 2,4-Dichlorophenol	10.614	162	106097	40.556	ng		98
30) 1,2,4-Trichlorobenzene	10.831	180	118824	39.746	ng		98
31) Naphthalene	11.025	128	355914	38.757	ng		99
32) Benzoic acid	10.279	122	34642	25.470	ng		99
33) 4-Chloroaniline	11.131	127	143551	38.343	ng		98
34) Hexachlorobutadiene	11.296	225	79087	41.289	ng		97
35) Caprolactam	11.901	113	36660	39.720	ng	#	89
36) 4-Chloro-3-methylphenol	12.236	107	113564	39.697	ng		96
37) 2-Methylnaphthalene	12.618	142	250390	38.902	ng		99
38) 1-Methylnaphthalene	12.835	142	242622	38.744	ng		97
40) 1,2,4,5-Tetrachloroben...	12.982	216	138307	40.261	ng		99
41) Hexachlorocyclopentadiene	12.952	237	72793	39.956	ng		98
43) 2,4,6-Trichlorophenol	13.217	196	90888	39.861	ng		99

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44) 2,4,5-Trichlorophenol	13.293	196	100607	39.289	ng		98
46) 1,1'-Biphenyl	13.616	154	322873	38.153	ng		98
47) 2-Chloronaphthalene	13.663	162	245250	38.159	ng		99
48) 2-Nitroaniline	13.863	65	78871	39.157	ng		99
49) Acenaphthylene	14.509	152	411488	38.799	ng		99
50) Dimethylphthalate	14.227	163	338337	38.537	ng		100
51) 2,6-Dinitrotoluene	14.351	165	71306	39.708	ng		92
52) Acenaphthene	14.844	154	265935m	39.036	ng		
53) 3-Nitroaniline	14.686	138	80808	40.198	ng		91
54) 2,4-Dinitrophenol	14.891	184	35689	38.966	ng		98
55) Dibenzofuran	15.179	168	392004	39.159	ng		100
56) 4-Nitrophenol	14.985	139	63360	40.729	ng		96
57) 2,4-Dinitrotoluene	15.138	165	102096	41.104	ng		88
58) Fluorene	15.826	166	327646	38.852	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.402	232	92601	40.117	ng		99
60) Diethylphthalate	15.585	149	337544	38.502	ng		98
61) 4-Chlorophenyl-phenyle...	15.814	204	166374	39.991	ng		98
62) 4-Nitroaniline	15.849	138	84647	41.243	ng		99
63) Azobenzene	16.108	77	304197	36.511	ng		96
65) 4,6-Dinitro-2-methylph...	15.896	198	53715	39.569	ng		99
66) n-Nitrosodiphenylamine	16.025	169	292418	38.022	ng		98
67) 4-Bromophenyl-phenylether	16.707	248	118484	40.466	ng		97
68) Hexachlorobenzene	16.824	284	132826	40.354	ng		96
69) Atrazine	16.971	200	105690	38.954	ng		99
70) Pentachlorophenol	17.171	266	71835	40.167	ng		98
71) Phenanthrene	17.571	178	545515	38.399	ng		99
72) Anthracene	17.659	178	536153	38.818	ng		99
73) Carbazole	17.929	167	499246	39.232	ng		100
74) Di-n-butylphthalate	18.469	149	616208	38.267	ng		99
75) Fluoranthene	19.574	202	689902	39.920	ng		98
77) Benzidine	19.750	184	260964	40.496	ng		100
78) Pyrene	19.938	202	704302	38.822	ng		99
80) Butylbenzylphthalate	20.808	149	285901	37.782	ng		95
81) Benzo(a)anthracene	21.801	228	685966	38.886	ng		100
82) 3,3'-Dichlorobenzidine	21.713	252	243919	39.438	ng		98
83) Chrysene	21.871	228	652001	38.656	ng		99
84) Bis(2-ethylhexyl)phtha...	21.683	149	397702	36.478	ng		98
85) Di-n-octyl phthalate	22.941	149	669727	36.223	ng		95
87) Indeno(1,2,3-cd)pyrene	29.069	276	818367	38.491	ng	#	95
88) Benzo(b)fluoranthene	24.116	252	655286	37.299	ng		99
89) Benzo(k)fluoranthene	24.186	252	686784	38.843	ng		98
90) Benzo(a)pyrene	25.032	252	570889	38.034	ng		97
91) Dibenzo(a,h)anthracene	29.139	278	673452	38.879	ng		98
92) Benzo(g,h,i)perylene	30.291	276	672082	38.407	ng		96

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

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