Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
Data File : BG057149.D
Acq On : 20 Apr 2023 16:59
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG042023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 21 05:54:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 05:53:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.392	152	8142	20.000	ng		0.00
21) Naphthalene-d8	11.230	136	33488	20.000	ng	#	0.00
39) Acenaphthene-d10	15.007	164	26590	20.000	ng		0.00
64) Phenanthrene-d10	17.744	188	66466	20.000	ng	#	0.00
76) Chrysene-d12	22.056	240	86841	20.000	ng		0.00
86) Perylene-d12	25.575	264	91396	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.902	112	37232	81.900	ng		0.00
7) Phenol-d6	7.529	99	58785	82.029	ng		0.00
23) Nitrobenzene-d5	9.573	82	64072	87.414	ng		0.00
42) 2,4,6-Tribromophenol	16.487	330	40538	87.758	ng		0.00
45) 2-Fluorobiphenyl	13.632	172	166316	82.927	ng		0.00
79) Terphenyl-d14	20.312	244	326380	58.172	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.711	88	12886	53.003	ng		98
3) Pyridine	4.128	79	23874	39.897	ng		97
4) n-Nitrosodimethylamine	4.039	42	13265	40.785	ng	#	95
6) Aniline	7.699	93	36292	40.974	ng		96
8) 2-Chlorophenol	7.952	128	20568	42.076	ng		90
9) Benzaldehyde	7.517	77	16150	39.000	ng		98
10) Phenol	7.558	94	28362	41.259	ng		98
11) bis(2-Chloroethyl)ether	7.793	93	19079	39.444	ng		82
12) 1,3-Dichlorobenzene	8.281	146	23481	42.270	ng		95
13) 1,4-Dichlorobenzene	8.428	146	22617	39.519	ng		99
14) 1,2-Dichlorobenzene	8.757	146	23410	42.383	ng		95
15) Benzyl Alcohol	8.621	79	25093	42.349	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.909	45	22216m	37.107	ng		
17) 2-Methylphenol	8.821	107	22518	41.961	ng		96
18) Hexachloroethane	9.491	117	8347	41.647	ng		91
19) n-Nitroso-di-n-propyla...	9.191	70	21121	40.320	ng		99
20) 3+4-Methylphenols	9.156	107	29576	41.183	ng		91
22) Acetophenone	9.221	105	38607	43.517	ng		97
24) Nitrobenzene	9.614	77	32308	43.857	ng		97
25) Isophorone	10.131	82	56249	41.981	ng		97
26) 2-Nitrophenol	10.331	139	13357	44.273	ng		97
27) 2,4-Dimethylphenol	10.372	122	21574	42.318	ng		97
28) bis(2-Chloroethoxy)met...	10.607	93	27216	36.598	ng		94
29) 2,4-Dichlorophenol	10.871	162	24512	40.868	ng		97
30) 1,2,4-Trichlorobenzene	11.089	180	27803	43.078	ng		94
31) Naphthalene	11.283	128	73006	40.720	ng		99
32) Benzoic acid	10.507	122	12943m	50.668	ng		
33) 4-Chloroaniline	11.382	127	32576	40.237	ng		96
34) Hexachlorobutadiene	11.553	225	21190	44.930	ng		96
35) Caprolactam	12.146	113	7888	41.132	ng		89
36) 4-Chloro-3-methylphenol	12.475	107	26962	43.588	ng	#	95
37) 2-Methylnaphthalene	12.857	142	58512m	41.284	ng		
38) 1-Methylnaphthalene	13.074	142	54738	40.326	ng		100
40) 1,2,4,5-Tetrachloroben...	13.221	216	40491	44.024	ng		99
41) Hexachlorocyclopentadiene	13.198	237	20801	43.150	ng		91
43) 2,4,6-Trichlorophenol	13.450	196	24807	43.493	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.527	196	29449	43.335	ng	#	94
46) 1,1'-Biphenyl	13.844	154	80269	40.136	ng		95
47) 2-Chloronaphthalene	13.897	162	60892	40.732	ng		97
48) 2-Nitroaniline	14.091	65	19861	39.475	ng		89
49) Acenaphthylene	14.731	152	97376	40.464	ng		99
50) Dimethylphthalate	14.443	163	85025	40.702	ng		99
51) 2,6-Dinitrotoluene	14.566	165	19291	42.403	ng		93
52) Acenaphthene	15.072	154	60577	40.362	ng		97
53) 3-Nitroaniline	14.901	138	17859	40.547	ng		93
54) 2,4-Dinitrophenol	15.107	184	10876	40.385	ng	#	80
55) Dibenzofuran	15.401	168	101776	40.584	ng		95
56) 4-Nitrophenol	15.195	139	13061	43.918	ng		92
57) 2,4-Dinitrotoluene	15.354	165	27589	42.782	ng		97
58) Fluorene	16.047	166	83604	38.882	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.618	232	26418	45.204	ng		91
60) Diethylphthalate	15.788	149	86831	39.967	ng		94
61) 4-Chlorophenyl-phenyle...	16.023	204	51991	40.993	ng		97
62) 4-Nitroaniline	16.058	138	19505	38.162	ng		89
63) Azobenzene	16.317	77	80202	36.873	ng		92
65) 4,6-Dinitro-2-methylph...	16.117	198	18495	44.984	ng		93
66) n-Nitrosodiphenylamine	16.235	169	73295	39.309	ng		98
67) 4-Bromophenyl-phenylether	16.916	248	35132	42.511	ng		93
68) Hexachlorobenzene	17.051	284	36728	42.609	ng		96
69) Atrazine	17.169	200	29590	41.391	ng		98
70) Pentachlorophenol	17.392	266	20814	43.962	ng		95
71) Phenanthrene	17.786	178	138650	40.248	ng		98
72) Anthracene	17.880	178	142530	40.263	ng		99
73) Carbazole	18.138	167	118931	39.863	ng		96
74) Di-n-butylphthalate	18.661	149	138174	39.206	ng		98
75) Fluoranthene	19.771	202	173512	41.234	ng		98
77) Benzidine	19.936	184	122974	55.512	ng		97
78) Pyrene	20.135	202	175857	28.101	ng		99
80) Butylbenzylphthalate	20.987	149	62691	27.779	ng		98
81) Benzo(a)anthracene	22.033	228	248172	40.228	ng		99
82) 3,3'-Dichlorobenzidine	21.927	252	86285	40.564	ng		98
83) Chrysene	22.103	228	230190	39.591	ng		98
84) Bis(2-ethylhexyl)phtha...	21.880	149	138829	43.012	ng		99
85) Di-n-octyl phthalate	23.184	149	227999	42.916	ng		99
87) Indeno(1,2,3-cd)pyrene	29.640	276	279800	41.998	ng		99
88) Benzo(b)fluoranthene	24.447	252	242735	40.898	ng		99
89) Benzo(k)fluoranthene	24.518	252	244224	41.114	ng		100
90) Benzo(a)pyrene	25.405	252	231636	40.668	ng		98
91) Dibenzo(a,h)anthracene	29.705	278	232143	41.983	ng		98
92) Benzo(g,h,i)perylene	30.921	276	224323	41.910	ng		97

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

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