Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055775.D
Acq On : 25 Nov 2022 10:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 00:23:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 06:05:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.238	152	32091	20.000	ng		0.00
21) Naphthalene-d8	11.070	136	135331	20.000	ng		0.00
39) Acenaphthene-d10	14.865	164	100998	20.000	ng		0.00
64) Phenanthrene-d10	17.609	188	248168	20.000	ng		0.00
76) Chrysene-d12	21.904	240	242846	20.000	ng		0.00
86) Perylene-d12	25.312	264	258761	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.764	112	138250	77.869	ng		0.00
7) Phenol-d6	7.386	99	192036	81.255	ng		0.00
23) Nitrobenzene-d5	9.413	82	206141	80.510	ng		0.00
42) 2,4,6-Tribromophenol	16.352	330	116114	81.645	ng		0.00
45) 2-Fluorobiphenyl	13.490	172	528565	78.403	ng		0.00
79) Terphenyl-d14	20.194	244	951710	78.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	29215	38.505	ng		99
3) Pyridine	4.007	79	94888	40.766	ng		99
4) n-Nitrosodimethylamine	3.919	42	49352	40.048	ng		99
6) Aniline	7.550	93	122005	41.100	ng		98
8) 2-Chlorophenol	7.797	128	80457	39.641	ng		97
9) Benzaldehyde	7.362	77	59402	37.010	ng		98
10) Phenol	7.409	94	108273	40.916	ng		99
11) bis(2-Chloroethyl)ether	7.644	93	79825	39.362	ng		97
12) 1,3-Dichlorobenzene	8.126	146	93427	39.152	ng		99
13) 1,4-Dichlorobenzene	8.273	146	94212	39.071	ng		98
14) 1,2-Dichlorobenzene	8.596	146	90913	39.345	ng		96
15) Benzyl Alcohol	8.473	79	76649	39.906	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.760	45	148650	40.491	ng		99
17) 2-Methylphenol	8.672	107	75657	40.270	ng		99
18) Hexachloroethane	9.336	117	33135	39.925	ng		99
19) n-Nitroso-di-n-propyla...	9.042	70	74709	41.142	ng		99
20) 3+4-Methylphenols	9.007	107	111122	42.341	ng		99
22) Acetophenone	9.066	105	139858	39.771	ng	#	98
24) Nitrobenzene	9.454	77	108293	40.492	ng		99
25) Isophorone	9.977	82	200831	41.397	ng		99
26) 2-Nitrophenol	10.171	139	52465	42.495	ng		97
27) 2,4-Dimethylphenol	10.218	122	76263m	40.587	ng		
28) bis(2-Chloroethoxy)met...	10.453	93	104586	40.157	ng		99
29) 2,4-Dichlorophenol	10.711	162	91582	40.721	ng		98
30) 1,2,4-Trichlorobenzene	10.929	180	102097	39.075	ng		99
31) Naphthalene	11.122	128	289539	39.577	ng		100
32) Benzoic acid	10.359	122	53342	34.505	ng		96
33) 4-Chloroaniline	11.222	127	121868	40.382	ng		98
34) Hexachlorobutadiene	11.393	225	70006	39.237	ng		98
35) Caprolactam	11.992	113	32852	42.211	ng		98
36) 4-Chloro-3-methylphenol	12.327	107	102625	41.517	ng		99
37) 2-Methylnaphthalene	12.709	142	218440	39.878	ng		99
38) 1-Methylnaphthalene	12.926	142	213831	40.212	ng		99
40) 1,2,4,5-Tetrachloroben...	13.073	216	125423	39.517	ng		99
41) Hexachlorocyclopentadiene	13.044	237	53117	33.205	ng		98
43) 2,4,6-Trichlorophenol	13.302	196	87282	40.314	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.379	196	95756	40.247	ng		100
46) 1,1'-Biphenyl	13.702	154	284029	38.592	ng		98
47) 2-Chloronaphthalene	13.749	162	225238	39.373	ng		100
48) 2-Nitroaniline	13.948	65	79688	42.369	ng		95
49) Acenaphthylene	14.589	152	374022	39.704	ng		99
50) Dimethylphthalate	14.307	163	327011	40.617	ng		99
51) 2,6-Dinitrotoluene	14.430	165	68714	41.741	ng		98
52) Acenaphthene	14.930	154	248918m	40.430	ng		
53) 3-Nitroaniline	14.765	138	73669	40.765	ng		98
54) 2,4-Dinitrophenol	14.971	184	39963	42.222	ng		99
55) Dibenzofuran	15.259	168	377479	39.744	ng		99
56) 4-Nitrophenol	15.065	139	56926	40.136	ng		99
57) 2,4-Dinitrotoluene	15.218	165	99677	42.946	ng		96
58) Fluorene	15.905	166	305171	40.229	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.482	232	91515	39.696	ng		98
60) Diethylphthalate	15.658	149	330517	40.604	ng		99
61) 4-Chlorophenyl-phenyle...	15.893	204	166677	39.971	ng		98
62) 4-Nitroaniline	15.923	138	78837	41.733	ng		96
63) Azobenzene	16.187	77	285996	40.244	ng		99
65) 4,6-Dinitro-2-methylph...	15.981	198	63397	45.750	ng		98
66) n-Nitrosodiphenylamine	16.105	169	271327	39.672	ng		99
67) 4-Bromophenyl-phenylether	16.786	248	111698	39.503	ng		97
68) Hexachlorobenzene	16.916	284	125690	40.088	ng		97
69) Atrazine	17.045	200	109492	40.479	ng		99
70) Pentachlorophenol	17.256	266	72471	37.785	ng		98
71) Phenanthrene	17.650	178	527736	39.406	ng		100
72) Anthracene	17.744	178	513881	39.493	ng		100
73) Carbazole	18.008	167	463545	39.627	ng		99
74) Di-n-butylphthalate	18.537	149	579813	39.918	ng		99
75) Fluoranthene	19.648	202	631726	38.774	ng		99
77) Benzidine	19.818	184	237766	42.321	ng		98
78) Pyrene	20.012	202	641581	39.031	ng		100
80) Butylbenzylphthalate	20.870	149	251422	39.071	ng		99
81) Benzo(a)anthracene	21.880	228	648592	38.777	ng		100
82) 3,3'-Dichlorobenzidine	21.786	252	233145	39.669	ng		99
83) Chrysene	21.957	228	619336	38.895	ng		99
84) Bis(2-ethylhexyl)phtha...	21.751	149	358879	38.806	ng		100
85) Di-n-octyl phthalate	23.020	149	618026	39.050	ng		100
87) Indeno(1,2,3-cd)pyrene	29.231	276	773520	36.490	ng	#	95
88) Benzo(b)fluoranthene	24.219	252	638000	37.859	ng		99
89) Benzo(k)fluoranthene	24.295	252	652446	38.840	ng		99
90) Benzo(a)pyrene	25.147	252	550033	38.035	ng		100
91) Dibenzo(a,h)anthracene	29.301	278	645244	37.248	ng		98
92) Benzo(g,h,i)perylene	30.470	276	632337	36.218	ng		99

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

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