Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055397.D
Acq On : 1 Nov 2022 17:04
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 02 04:12:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 04:08:03 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	30858	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	128278	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	91216	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	213885	20.000	ng	0.00
76) Chrysene-d12	21.871	240	208162	20.000	ng	0.00
86) Perylene-d12	25.244	264	232842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.766	112	135812	77.064	ng	0.00
7) Phenol-d6	7.394	99	186524	73.055	ng	0.00
23) Nitrobenzene-d5	9.421	82	189848	75.572	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	97947	98.777	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	467089	83.813	ng	0.00
79) Terphenyl-d14	20.167	244	808906	80.738	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	30859m	36.265	ng	
3) Pyridine	3.998	79	92033	35.915	ng	100
4) n-Nitrosodimethylamine	3.910	42	36466	32.030	ng	100
6) Aniline	7.559	93	118467	35.443	ng	100
8) 2-Chlorophenol	7.805	128	80050	39.070	ng	100
9) Benzaldehyde	7.376	77	54839	31.458	ng	100
10) Phenol	7.418	94	104272	36.460	ng	100
11) bis(2-Chloroethyl)ether	7.653	93	76838	35.592	ng	100
12) 1,3-Dichlorobenzene	8.134	146	90789	40.612	ng	100
13) 1,4-Dichlorobenzene	8.281	146	92612	40.559	ng	100
14) 1,2-Dichlorobenzene	8.604	146	87855	39.962	ng	100
15) Benzyl Alcohol	8.481	79	73355	34.332	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.769	45	101187	28.641	ng	100
17) 2-Methylphenol	8.687	107	74017	36.596	ng	100
18) Hexachloroethane	9.339	117	30983	38.106	ng	100
19) n-Nitroso-di-n-propyla...	9.051	70	69218	32.647	ng	100
20) 3+4-Methylphenols	9.016	107	104364	36.027	ng	100
22) Acetophenone	9.074	105	129966	39.630	ng	100
24) Nitrobenzene	9.462	77	98653	37.715	ng	100
25) Isophorone	9.985	82	181565	35.783	ng	100
26) 2-Nitrophenol	10.179	139	50545	44.126	ng	100
27) 2,4-Dimethylphenol	10.226	122	69179	38.685	ng	100
28) bis(2-Chloroethoxy)met...	10.461	93	96382	37.621	ng	100
29) 2,4-Dichlorophenol	10.720	162	84982	44.298	ng	100
30) 1,2,4-Trichlorobenzene	10.931	180	92523	47.255	ng	100
31) Naphthalene	11.125	128	278847	40.748	ng	100
32) Benzoic acid	10.385	122	37812	30.441	ng	100
33) 4-Chloroaniline	11.231	127	116741	39.903	ng	100
34) Hexachlorobutadiene	11.401	225	57102	51.043	ng	100
35) Caprolactam	12.006	113	31525	35.407	ng	100
36) 4-Chloro-3-methylphenol	12.335	107	93698	38.815	ng	100
37) 2-Methylnaphthalene	12.711	142	201151	40.769	ng	100
38) 1-Methylnaphthalene	12.929	142	195786	40.223	ng	100
40) 1,2,4,5-Tetrachloroben...	13.070	216	103625	47.102	ng	100
41) Hexachlorocyclopentadiene	13.046	237	42839	47.468	ng	100
43) 2,4,6-Trichlorophenol	13.305	196	73008	44.931	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.387	196	81452	45.320	ng	100
46)	1,1'-Biphenyl	13.698	154	255344	40.815	ng	100
47)	2-Chloronaphthalene	13.751	162	207084	41.976	ng	100
48)	2-Nitroaniline	13.945	65	65223	33.806	ng	100
49)	Acenaphthylene	14.591	152	341106	40.053	ng	100
50)	Dimethylphthalate	14.304	163	289504	40.423	ng	100
51)	2,6-Dinitrotoluene	14.433	165	61829	42.426	ng	100
52)	Acenaphthene	14.926	154	201782	37.171	ng	100
53)	3-Nitroaniline	14.762	138	71048	38.789	ng	100
54)	2,4-Dinitrophenol	14.973	184	33215	47.455	ng	100
55)	Dibenzofuran	15.255	168	336155	41.276	ng	100
56)	4-Nitrophenol	15.067	139	51158	39.050	ng	100
57)	2,4-Dinitrotoluene	15.214	165	90463	42.776	ng	100
58)	Fluorene	15.902	166	270670	39.943	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.479	232	72638	45.335	ng	100
60)	Diethylphthalate	15.649	149	302795	39.746	ng	100
61)	4-Chlorophenyl-phenyle...	15.884	204	138910	44.608	ng	100
62)	4-Nitroaniline	15.919	138	75169	39.052	ng	100
63)	Azobenzene	16.178	77	250536	33.757	ng	100
65)	4,6-Dinitro-2-methylph...	15.978	198	56964	48.447	ng	100
66)	n-Nitrosodiphenylamine	16.096	169	240077	40.327	ng	100
67)	4-Bromophenyl-phenylether	16.771	248	95708	46.058	ng	100
68)	Hexachlorobenzene	16.901	284	109599	46.647	ng	100
69)	Atrazine	17.030	200	81735	40.376	ng	100
70)	Pentachlorophenol	17.247	266	52622	45.390	ng	100
71)	Phenanthrene	17.635	178	464616	40.732	ng	100
72)	Anthracene	17.729	178	453299	40.650	ng	100
73)	Carbazole	17.993	167	426764	39.789	ng	100
74)	Di-n-butylphthalate	18.522	149	534796	39.889	ng	100
75)	Fluoranthene	19.627	202	558899	42.050	ng	100
77)	Benzidine	19.797	184	186204	36.944	ng	100
78)	Pyrene	19.985	202	565013	39.599	ng	100
80)	Butylbenzylphthalate	20.843	149	237203	35.181	ng	100
81)	Benzo(a)anthracene	21.848	228	551220	39.433	ng	100
82)	3,3'-Dichlorobenzidine	21.748	252	191950	42.163	ng	100
83)	Chrysene	21.918	228	517128	38.946	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.713	149	344423	35.759	ng	100
85)	Di-n-octyl phthalate	22.964	149	586896	36.576	ng	100
87)	Indeno(1,2,3-cd)pyrene	29.145	276	710241	41.299	ng	100
88)	Benzo(b)fluoranthene	24.168	252	573518	40.948	ng	100
89)	Benzo(k)fluoranthene	24.239	252	563609	39.852	ng	100
90)	Benzo(a)pyrene	25.091	252	485919	40.457	ng	100
91)	Dibenzo(a,h)anthracene	29.204	278	585982	41.521	ng	100
92)	Benzo(g,h,i)perylene	30.367	276	586031	41.865	ng	100

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

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