Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055950.D
Acq On : 13 Dec 2022 19:56
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 14 01:55:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:49:58 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
12/14/2022
Supervised By :mohammad ahmed
12/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.376	152	5116	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	19338	20.000	ng	0.00
39) Acenaphthene-d10	14.980	164	18954	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	56394	20.000	ng	0.00
76) Chrysene-d12	22.025	240	64741	20.000	ng	0.00
86) Perylene-d12	25.515	264	80202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	17401	61.479	ng	0.00
7) Phenol-d6	7.495	99	22319	59.237	ng	0.00
23) Nitrobenzene-d5	9.546	82	22571	61.691	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	39440	147.772	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	108963	86.124	ng	0.00
79) Terphenyl-d14	20.292	244	309593	95.647	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.717	88	2633	21.768	ng	100
3) Pyridine	4.134	79	8861m	23.880	ng	
4) n-Nitrosodimethylamine	4.040	42	7555m	38.456	ng	
6) Aniline	7.683	93	13861	29.290	ng	100
8) 2-Chlorophenol	7.924	128	11275	34.846	ng	100
9) Benzaldehyde	7.495	77	7014	27.412	ng	100
10) Phenol	7.524	94	12338	29.246	ng	100
11) bis(2-Chloroethyl)ether	7.777	93	7948	24.584	ng	100
12) 1,3-Dichlorobenzene	8.259	146	14509	38.139	ng	100
13) 1,4-Dichlorobenzene	8.412	146	14404	37.470	ng	100
14) 1,2-Dichlorobenzene	8.735	146	14297	38.811	ng	100
15) Benzyl Alcohol	8.600	79	11559	37.749	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.893	45	10101	17.259	ng	100
17) 2-Methylphenol	8.794	107	9796	32.707	ng	100
18) Hexachloroethane	9.481	117	4637	35.047	ng	100
19) n-Nitroso-di-n-propyla...	9.175	70	7974	27.545	ng	100
20) 3+4-Methylphenols	9.123	107	13841	33.081	ng	100
22) Acetophenone	9.199	105	19575	38.955	ng	100
24) Nitrobenzene	9.587	77	11653	30.492	ng	100
25) Isophorone	10.110	82	23850	34.404	ng	100
26) 2-Nitrophenol	10.304	139	6771	38.380	ng	100
27) 2,4-Dimethylphenol	10.345	122	11397	42.447	ng	100
28) bis(2-Chloroethoxy)met...	10.586	93	10034	26.962	ng	100
29) 2,4-Dichlorophenol	10.838	162	15880	49.413	ng	100
30) 1,2,4-Trichlorobenzene	11.062	180	20310	54.397	ng	100
31) Naphthalene	11.255	128	40603	38.840	ng	100
32) Benzoic acid	10.450	122	9413	42.611	ng	100
33) 4-Chloroaniline	11.349	127	18143	42.072	ng	100
34) Hexachlorobutadiene	11.537	225	18365	72.035	ng	100
35) Caprolactam	12.113	113	4427	39.807	ng	100
36) 4-Chloro-3-methylphenol	12.430	107	15590	44.137	ng	100
37) 2-Methylnaphthalene	12.836	142	36264	46.331	ng	100
38) 1-Methylnaphthalene	13.053	142	35213	46.342	ng	100
40) 1,2,4,5-Tetrachloroben...	13.194	216	32537	54.626	ng	100
41) Hexachlorocyclopentadiene	13.171	237	18321	61.028	ng	100
43) 2,4,6-Trichlorophenol	13.418	196	19658	48.382	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.488	196	22163	49.637	ng	100
46)	1,1'-Biphenyl	13.823	154	51836	37.529	ng	100
47)	2-Chloronaphthalene	13.864	162	42514	39.601	ng	100
48)	2-Nitroaniline	14.058	65	8067	22.855	ng	100
49)	Acenaphthylene	14.704	152	67325	38.083	ng	100
50)	Dimethylphthalate	14.422	163	68005	45.009	ng	100
51)	2,6-Dinitrotoluene	14.540	165	11677	37.797	ng	100
52)	Acenaphthene	15.045	154	45876	39.705	ng	100
53)	3-Nitroaniline	14.869	138	10963	32.326	ng	100
54)	2,4-Dinitrophenol	15.069	184	7922	44.599	ng	100
55)	Dibenzofuran	15.374	168	78329	43.945	ng	100
56)	4-Nitrophenol	15.145	139	9058	34.030	ng	100
57)	2,4-Dinitrotoluene	15.315	165	16415	37.686	ng	100
58)	Fluorene	16.020	166	63180	44.380	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.586	232	26590	61.459	ng	100
60)	Diethylphthalate	15.774	149	66727	43.681	ng	100
61)	4-Chlorophenyl-phenyle...	16.003	204	43477	55.558	ng	100
62)	4-Nitroaniline	16.026	138	12251	34.557	ng	100
63)	Azobenzene	16.297	77	39915	29.929	ng	100
65)	4,6-Dinitro-2-methylph...	16.079	198	11281	35.824	ng	100
66)	n-Nitrosodiphenylamine	16.214	169	58872	37.880	ng	100
67)	4-Bromophenyl-phenylether	16.896	248	32692	50.879	ng	100
68)	Hexachlorobenzene	17.019	284	40608	56.995	ng	100
69)	Atrazine	17.148	200	26626	43.318	ng	100
70)	Pentachlorophenol	17.354	266	24091	55.274	ng	100
71)	Phenanthrene	17.760	178	118694	39.002	ng	100
72)	Anthracene	17.848	178	116867	39.524	ng	100
73)	Carbazole	18.112	167	95399	35.888	ng	100
74)	Di-n-butylphthalate	18.653	149	112520	34.090	ng	100
75)	Fluoranthene	19.745	202	164585	44.454	ng	100
77)	Benzidine	19.910	184	46204	30.849	ng	100
78)	Pyrene	20.104	202	166620	38.022	ng	100
80)	Butylbenzylphthalate	20.979	149	47827	27.879	ng	100
81)	Benzo(a)anthracene	22.002	228	192497	43.169	ng	100
82)	3,3'-Dichlorobenzidine	21.902	252	70232	44.824	ng	100
83)	Chrysene	22.078	228	181465	42.748	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.890	149	70268	28.501	ng	100
85)	Di-n-octyl phthalate	23.200	149	119776	28.388	ng	100
87)	Indeno(1,2,3-cd)pyrene	29.546	276	256397	39.023	ng	100
88)	Benzo(b)fluoranthene	24.399	252	207422	39.712	ng	100
89)	Benzo(k)fluoranthene	24.481	252	205695	39.507	ng	100
90)	Benzo(a)pyrene	25.351	252	174984	39.040	ng	100
91)	Dibenzo(a,h)anthracene	29.622	278	213425	39.750	ng	100
92)	Benzo(g,h,i)perylene	30.803	276	205968	38.062	ng	100

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

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