Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053486.D
Acq On : 9 May 2022 10:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 16:19:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	24705	20.000	ng		0.00
21) Naphthalene-d8	10.903	136	98426	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	77880	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	194264	20.000	ng		0.00
76) Chrysene-d12	21.742	240	192152	20.000	ng		0.00
86) Perylene-d12	25.020	264	204960	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	114774	78.845	ng		-0.02
7) Phenol-d6	7.249	99	177797	80.479	ng		0.00
23) Nitrobenzene-d5	9.253	82	191838	82.968	ng		0.00
42) 2,4,6-Tribromophenol	16.202	330	94196	82.007	ng		0.00
45) 2-Fluorobiphenyl	13.341	172	427747	80.259	ng		0.00
79) Terphenyl-d14	20.062	244	825434	80.007	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	29154	38.171	ng		98
3) Pyridine	3.936	79	78264	41.959	ng		96
4) n-Nitrosodimethylamine	3.848	42	36284	39.933	ng		99
6) Aniline	7.414	93	102009	41.689	ng		99
8) 2-Chlorophenol	7.655	128	59154	38.871	ng		97
9) Benzaldehyde	7.226	77	52874m	37.673	ng		
10) Phenol	7.279	94	86692	40.122	ng		94
11) bis(2-Chloroethyl)ether	7.502	93	63242	39.245	ng		97
12) 1,3-Dichlorobenzene	7.984	146	68986	38.427	ng		94
13) 1,4-Dichlorobenzene	8.125	146	69760	38.507	ng		97
14) 1,2-Dichlorobenzene	8.448	146	67808	39.859	ng		94
15) Benzyl Alcohol	8.325	79	74700	40.444	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.612	45	104519	39.851	ng		97
17) 2-Methylphenol	8.530	107	57154	39.136	ng		97
18) Hexachloroethane	9.176	117	26011	37.809	ng		93
19) n-Nitroso-di-n-propyla...	8.894	70	62212	39.248	ng		95
20) 3+4-Methylphenols	8.865	107	82427	39.964	ng		95
22) Acetophenone	8.912	105	110130	40.883	ng	#	99
24) Nitrobenzene	9.294	77	92606	41.381	ng		97
25) Isophorone	9.817	82	162430	41.742	ng		98
26) 2-Nitrophenol	10.005	139	37786	41.688	ng		96
27) 2,4-Dimethylphenol	10.063	122	55290	40.533	ng		95
28) bis(2-Chloroethoxy)met...	10.292	93	91007	40.664	ng		99
29) 2,4-Dichlorophenol	10.551	162	68368	41.529	ng		91
30) 1,2,4-Trichlorobenzene	10.762	180	76708	41.010	ng		94
31) Naphthalene	10.950	128	205088	40.963	ng		98
32) Benzoic acid	10.234	122	29508m	36.975	ng		
33) 4-Chloroaniline	11.056	127	88063	41.999	ng		98
34) Hexachlorobutadiene	11.238	225	56261	40.563	ng		97
35) Caprolactam	11.826	113	25351	42.375	ng		91
36) 4-Chloro-3-methylphenol	12.178	107	83223	42.261	ng		96
37) 2-Methylnaphthalene	12.548	142	151907	40.656	ng		98
38) 1-Methylnaphthalene	12.766	142	145480m	39.907	ng		
40) 1,2,4,5-Tetrachloroben...	12.918	216	99493	40.529	ng		99
41) Hexachlorocyclopentadiene	12.901	237	32361	37.625	ng		99
43) 2,4,6-Trichlorophenol	13.153	196	67011	41.819	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.236	196	70188	41.155	ng		99
46)	1,1'-Biphenyl	13.547	154	214114	40.333	ng		99
47)	2-Chloronaphthalene	13.594	162	165873	39.881	ng		99
48)	2-Nitroaniline	13.794	65	65645	42.358	ng		96
49)	Acenaphthylene	14.440	152	268235	40.416	ng		99
50)	Dimethylphthalate	14.164	163	239245	40.426	ng		100
51)	2,6-Dinitrotoluene	14.281	165	49607	41.143	ng		98
52)	Acenaphthene	14.780	154	160080	40.473	ng		98
53)	3-Nitroaniline	14.616	138	54955	42.183	ng	#	97
54)	2,4-Dinitrophenol	14.833	184	27608	39.501	ng		88
55)	Dibenzofuran	15.115	168	284941	40.107	ng		99
56)	4-Nitrophenol	14.933	139	38029	40.870	ng		89
57)	2,4-Dinitrotoluene	15.074	165	73516	42.065	ng		93
58)	Fluorene	15.761	166	228459	40.072	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.344	232	69657	40.255	ng		97
60)	Diethylphthalate	15.521	149	246939	40.394	ng		99
61)	4-Chlorophenyl-phenyle...	15.744	204	131312	41.276	ng		98
62)	4-Nitroaniline	15.779	138	56986	42.173	ng		97
63)	Azobenzene	16.043	77	256020	40.898	ng		99
65)	4,6-Dinitro-2-methylph...	15.844	198	49088	42.406	ng		97
66)	n-Nitrosodiphenylamine	15.961	169	201753	39.556	ng		99
67)	4-Bromophenyl-phenylether	16.643	248	92152	40.617	ng		97
68)	Hexachlorobenzene	16.772	284	97069	39.066	ng		97
69)	Atrazine	16.907	200	86022	40.062	ng		98
70)	Pentachlorophenol	17.118	266	47856	38.335	ng		95
71)	Phenanthrene	17.500	178	397221	40.213	ng		98
72)	Anthracene	17.594	178	385993	39.755	ng		99
73)	Carbazole	17.859	167	381232	40.064	ng		99
74)	Di-n-butylphthalate	18.405	149	428992	40.086	ng		100
75)	Fluoranthene	19.509	202	505487	39.522	ng		99
77)	Benzidine	19.680	184	162721	39.290	ng		100
78)	Pyrene	19.874	202	509866	40.989	ng		98
80)	Butylbenzylphthalate	20.743	149	191255	41.930	ng		99
81)	Benzo(a)anthracene	21.724	228	501381	40.910	ng		99
82)	3,3'-Dichlorobenzidine	21.630	252	126627	40.743	ng		96
83)	Chrysene	21.789	228	466722	40.774	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.612	149	265418	42.159	ng		99
85)	Di-n-octyl phthalate	22.840	149	447078	41.995	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.785	276	585930	41.046	ng		99
88)	Benzo(b)fluoranthene	23.980	252	498519	41.091	ng		99
89)	Benzo(k)fluoranthene	24.050	252	475123	39.854	ng		98
90)	Benzo(a)pyrene	24.873	252	416194	40.305	ng		98
91)	Dibenzo(a,h)anthracene	28.838	278	480518	40.852	ng		98
92)	Benzo(g,h,i)perylene	29.966	276	474867	40.728	ng		95

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

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