Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
Data File : BG052663.D
Acq On : 15 Mar 2022 12:16
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Quant Time: Mar 15 14:43:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 14:40:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.156	152	39886	20.000	ng		0.00
21) Naphthalene-d8	10.975	136	163006	20.000	ng	#	0.00
39) Acenaphthene-d10	14.776	164	122332	20.000	ng		0.00
64) Phenanthrene-d10	17.519	188	297552	20.000	ng		0.00
76) Chrysene-d12	21.814	240	283296	20.000	ng		0.00
86) Perylene-d12	25.133	264	303131	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.706	112	226829	98.244	ng		0.00
7) Phenol-d6	7.304	99	340280	101.832	ng		0.00
23) Nitrobenzene-d5	9.319	82	333483	92.742	ng		0.00
42) 2,4,6-Tribromophenol	16.262	330	173719	100.127	ng		0.00
45) 2-Fluorobiphenyl	13.407	172	792172	87.404	ng		0.00
79) Terphenyl-d14	20.128	244	1548964	96.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.597	88	52228	49.177	ng		92
3) Pyridine	4.002	79	149289	53.141	ng	#	91
4) n-Nitrosodimethylamine	3.908	42	65335	48.801	ng		93
6) Aniline	7.474	93	199199	52.834	ng		97
8) 2-Chlorophenol	7.721	128	117618	48.280	ng		95
9) Benzaldehyde	7.286	77	92729	48.501	ng		93
10) Phenol	7.327	94	164864	49.881	ng		93
11) bis(2-Chloroethyl)ether	7.568	93	124973	49.230	ng		93
12) 1,3-Dichlorobenzene	8.050	146	140331m	48.335	ng		
13) 1,4-Dichlorobenzene	8.191	146	141326	47.773	ng		96
14) 1,2-Dichlorobenzene	8.514	146	133157	46.502	ng		97
15) Benzyl Alcohol	8.385	79	145821	56.433	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.684	45	215767	63.020	ng		100
17) 2-Methylphenol	8.590	107	112595	51.492	ng		97
18) Hexachloroethane	9.248	117	52466	52.404	ng		91
19) n-Nitroso-di-n-propyla...	8.966	70	117806	52.097	ng		95
20) 3+4-Methylphenols	8.913	107	160363	53.030	ng		96
22) Acetophenone	8.978	105	203736	48.391	ng	#	97
24) Nitrobenzene	9.360	77	165583	49.240	ng		91
25) Isophorone	9.894	82	314938	52.669	ng		98
26) 2-Nitrophenol	10.076	139	61317	40.168	ng		98
27) 2,4-Dimethylphenol	10.129	122	111788	50.854	ng		97
28) bis(2-Chloroethoxy)met...	10.370	93	183869	51.026	ng		99
29) 2,4-Dichlorophenol	10.611	162	132203	50.548	ng		99
30) 1,2,4-Trichlorobenzene	10.834	180	152756	47.203	ng		98
31) Naphthalene	11.022	128	402886	46.969	ng		99
32) Benzoic acid	10.264	122	84942	66.519	ng		93
33) 4-Chloroaniline	11.116	127	177426	51.123	ng		96
34) Hexachlorobutadiene	11.316	225	107352	50.772	ng		98
35) Caprolactam	11.903	113	38432	43.771	ng	#	77
36) 4-Chloro-3-methylphenol	12.227	107	152610	53.275	ng		99
37) 2-Methylnaphthalene	12.620	142	299696	48.359	ng		96
38) 1-Methylnaphthalene	12.832	142	291855	47.961	ng		95
40) 1,2,4,5-Tetrachloroben...	12.978	216	187266	45.766	ng		98
41) Hexachlorocyclopentadiene	12.967	237	112997	61.583	ng		90
43) 2,4,6-Trichlorophenol	13.208	196	123513	48.978	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.284	196	124032	45.411	ng		98
46)	1,1'-Biphenyl	13.613	154	409766	44.784	ng		97
47)	2-Chloronaphthalene	13.660	162	321184	45.130	ng		97
48)	2-Nitroaniline	13.848	65	101558	44.323	ng		95
49)	Acenaphthylene	14.500	152	521968	46.312	ng		98
50)	Dimethylphthalate	14.230	163	452486	48.692	ng		99
51)	2,6-Dinitrotoluene	14.341	165	84955	41.829	ng		89
52)	Acenaphthene	14.841	154	339828	49.726	ng		98
53)	3-Nitroaniline	14.670	138	97069	46.442	ng		98
54)	2,4-Dinitrophenol	14.870	184	42935	44.758	ng	#	79
55)	Dibenzofuran	15.175	168	547286	47.225	ng		97
56)	4-Nitrophenol	14.958	139	78212	53.645	ng		85
57)	2,4-Dinitrotoluene	15.123	165	120327	42.095	ng		92
58)	Fluorene	15.822	166	439683	46.714	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.393	232	141567	56.444	ng		99
60)	Diethylphthalate	15.587	149	479115	51.370	ng		98
61)	4-Chlorophenyl-phenyle...	15.810	204	247588	47.152	ng		99
62)	4-Nitroaniline	15.828	138	99510	45.053	ng		85
63)	Azobenzene	16.104	77	496551	53.910	ng		98
65)	4,6-Dinitro-2-methylph...	15.886	198	71850	38.029	ng		96
66)	n-Nitrosodiphenylamine	16.021	169	402478	48.136	ng		96
67)	4-Bromophenyl-phenylether	16.709	248	175445	47.636	ng		97
68)	Hexachlorobenzene	16.826	284	191042	48.534	ng		92
69)	Atrazine	16.967	200	152368	49.567	ng		97
70)	Pentachlorophenol	17.161	266	125884	73.368	ng		96
71)	Phenanthrene	17.566	178	768381	49.219	ng		98
72)	Anthracene	17.654	178	754420	49.360	ng		99
73)	Carbazole	17.913	167	750811	50.192	ng		98
74)	Di-n-butylphthalate	18.477	149	844121	51.704	ng		98
75)	Fluoranthene	19.564	202	973384	49.935	ng		98
77)	Benzidine	19.734	184	300004	51.048	ng		100
78)	Pyrene	19.928	202	979443	51.724	ng		99
80)	Butylbenzylphthalate	20.815	149	360414	52.339	ng		99
81)	Benzo(a)anthracene	21.790	228	926448	48.810	ng		98
82)	3,3'-Dichlorobenzidine	21.696	252	332552	50.439	ng		95
83)	Chrysene	21.860	228	864750	48.727	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.702	149	479410	49.803	ng		99
85)	Di-n-octyl phthalate	22.959	149	809114	50.704	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.957	276	993300	45.725	ng	#	96
88)	Benzo(b)fluoranthene	24.081	252	891792	47.649	ng		98
89)	Benzo(k)fluoranthene	24.157	252	878913	46.696	ng		100
90)	Benzo(a)pyrene	24.980	252	764307	48.265	ng		98
91)	Dibenzo(a,h)anthracene	29.021	278	812586	45.078	ng		97
92)	Benzo(g,h,i)perylene	30.149	276	820675	46.644	ng		97

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

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