Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054704.D
Acq On : 23 Aug 2022 12:37
Operator : CG/JU
Sample : N4146-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-E1(0-4)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

Quant Time: Aug 23 14:17:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.159	152	51468	20.000	ng		0.00
21) Naphthalene-d8	10.986	136	216848	20.000	ng		0.00
39) Acenaphthene-d10	14.793	164	142924	20.000	ng		0.00
64) Phenanthrene-d10	17.537	188	309067	20.000	ng		0.00
76) Chrysene-d12	21.838	240	271964	20.000	ng		0.01
86) Perylene-d12	25.210	264	286465	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.698	112	359088	131.474	ng		0.00
7) Phenol-d6	7.302	99	481507	125.818	ng		0.00
23) Nitrobenzene-d5	9.335	82	286414	75.271	ng		0.00
42) 2,4,6-Tribromophenol	16.279	330	184203	160.933	ng		0.00
45) 2-Fluorobiphenyl	13.418	172	668843	69.012	ng		0.00
79) Terphenyl-d14	20.140	244	1009351	73.725	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.541	88	59401	42.301	ng		99
3) Pyridine	3.947	79	162692	41.381	ng		96
4) n-Nitrosodimethylamine	3.864	42	89731	52.101	ng		98
6) Aniline	7.478	93	239844	50.233	ng		98
8) 2-Chlorophenol	7.719	128	189568	65.166	ng		98
9) Benzaldehyde	7.290	77	127082	48.030	ng		99
10) Phenol	7.331	94	240838	60.755	ng		99
11) bis(2-Chloroethyl)ether	7.572	93	182354	53.819	ng		97
12) 1,3-Dichlorobenzene	8.048	146	199581	53.447	ng		98
13) 1,4-Dichlorobenzene	8.195	146	200402	53.256	ng		99
14) 1,2-Dichlorobenzene	8.518	146	196500	55.370	ng		100
15) Benzyl Alcohol	8.394	79	171619	64.350	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.682	45	294508	56.021	ng		99
17) 2-Methylphenol	8.594	107	165771	62.025	ng		97
18) Hexachloroethane	9.252	117	72651	58.459	ng		99
19) n-Nitroso-di-n-propyla...	8.970	70	147874	54.919	ng		95
20) 3+4-Methylphenols	8.923	107	225750	63.274	ng		97
22) Acetophenone	8.988	105	278682	51.028	ng	#	98
24) Nitrobenzene	9.376	77	210465	53.799	ng		99
25) Isophorone	9.899	82	414065	57.095	ng		100
26) 2-Nitrophenol	10.087	139	92295	66.307	ng		93
27) 2,4-Dimethylphenol	10.140	122	190103m	71.861	ng		
28) bis(2-Chloroethoxy)met...	10.380	93	250894	58.564	ng		100
29) 2,4-Dichlorophenol	10.621	162	184416	64.971	ng		98
30) 1,2,4-Trichlorobenzene	10.845	180	192794	50.971	ng		97
31) Naphthalene	11.038	128	583688	50.014	ng		99
32) Benzoic acid	10.281	122	129168	73.917	ng		94
33) 4-Chloroaniline	11.138	127	177022	38.429	ng		99
34) Hexachlorobutadiene	11.315	225	124025	51.939	ng		98
35) Caprolactam	11.920	113	63002m	71.089	ng		
36) 4-Chloro-3-methylphenol	12.243	107	204386	67.763	ng		95
37) 2-Methylnaphthalene	12.631	142	421402	52.560	ng		99
38) 1-Methylnaphthalene	12.848	142	401265	51.752	ng		99
40) 1,2,4,5-Tetrachloroben...	12.995	216	227116	51.470	ng		99
41) Hexachlorocyclopentadiene	12.971	237	252169	137.488	ng		97
43) 2,4,6-Trichlorophenol	13.224	196	156900	67.681	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.301	196	172618	65.792	ng		99
46)	1,1'-Biphenyl	13.630	154	563297	52.087	ng		99
47)	2-Chloronaphthalene	13.677	162	419321	50.829	ng		100
48)	2-Nitroaniline	13.876	65	131809	63.429	ng		99
49)	Acenaphthylene	14.517	152	687508	51.271	ng		99
50)	Dimethylphthalate	14.241	163	536763	55.773	ng		99
51)	2,6-Dinitrotoluene	14.364	165	113090	64.609	ng		96
52)	Acenaphthene	14.857	154	478029m	58.145	ng		
53)	3-Nitroaniline	14.693	138	110178	54.584	ng		98
54)	2,4-Dinitrophenol	14.893	184	113380	181.614	ng		93
55)	Dibenzofuran	15.192	168	642895	51.601	ng		99
56)	4-Nitrophenol	14.987	139	211668	141.083	ng		98
57)	2,4-Dinitrotoluene	15.145	165	154153	57.945	ng		94
58)	Fluorene	15.839	166	531411	51.595	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.410	232	146637	67.130	ng		96
60)	Diethylphthalate	15.598	149	541712	57.704	ng		98
61)	4-Chlorophenyl-phenyle...	15.827	204	272329	53.394	ng		99
62)	4-Nitroaniline	15.856	138	125035	56.842	ng		98
63)	Azobenzene	16.121	77	530587	50.890	ng		98
65)	4,6-Dinitro-2-methylph...	15.903	198	70637	74.820	ng		93
66)	n-Nitrosodiphenylamine	16.038	169	475218	54.108	ng		98
67)	4-Bromophenyl-phenylether	16.720	248	178434	59.975	ng		97
68)	Hexachlorobenzene	16.838	284	201010	53.547	ng		97
69)	Atrazine	16.984	200	174924	67.209	ng		100
70)	Pentachlorophenol	17.178	266	243730	113.543	ng		99
71)	Phenanthrene	17.584	178	839976	50.988	ng		100
72)	Anthracene	17.672	178	839462	52.585	ng		99
73)	Carbazole	17.936	167	770205	54.230	ng		98
74)	Di-n-butylphthalate	18.489	149	921900	60.844	ng		99
75)	Fluoranthene	19.587	202	1004261	51.707	ng		99
77)	Benzidine	19.758	184	487758	82.601	ng		99
78)	Pyrene	19.946	202	1007745	52.532	ng		98
80)	Butylbenzylphthalate	20.821	149	406368	62.669	ng		99
81)	Benzo(a)anthracene	21.814	228	963887	52.184	ng		98
82)	3,3'-Dichlorobenzidine	21.720	252	294462	52.757	ng		100
83)	Chrysene	21.885	228	892192	50.757	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.702	149	595939	60.942	ng		99
85)	Di-n-octyl phthalate	22.972	149	983880	69.078	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.105	276	1145968	53.609	ng	#	97
88)	Benzo(b)fluoranthene	24.135	252	1007502	56.640	ng		99
89)	Benzo(k)fluoranthene	24.205	252	954266	51.987	ng		99
90)	Benzo(a)pyrene	25.051	252	885318	57.988	ng		99
91)	Dibenzo(a,h)anthracene	29.176	278	968029	55.124	ng		100
92)	Benzo(g,h,i)perylene	30.322	276	970710	56.542	ng		98

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

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