Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052513.D
Acq On : 1 Mar 2022 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

Quant Time: Mar 02 01:50:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	25506	20.000	ng		0.00
21) Naphthalene-d8	11.059	136	109747	20.000	ng	#	0.00
39) Acenaphthene-d10	14.866	164	85463	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	224708	20.000	ng		0.00
76) Chrysene-d12	21.933	240	217426	20.000	ng		0.00
86) Perylene-d12	25.398	264	225974	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	122528	83.725	ng		0.00
7) Phenol-d6	7.370	99	185614	82.202	ng		0.00
23) Nitrobenzene-d5	9.397	82	192677	76.302	ng		0.00
42) 2,4,6-Tribromophenol	16.352	330	105574	85.985	ng		0.00
45) 2-Fluorobiphenyl	13.491	172	478803	77.848	ng		0.00
79) Terphenyl-d14	20.211	244	956248	77.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.581	88	26856	39.853	ng	#	89
3) Pyridine	3.992	79	78663	40.249	ng		94
4) n-Nitrosodimethylamine	3.898	42	35889	35.563	ng	#	81
6) Aniline	7.534	93	105594	40.251	ng		95
8) 2-Chlorophenol	7.781	128	64716	40.198	ng		94
9) Benzaldehyde	7.341	77	51071m	39.555	ng		
10) Phenol	7.393	94	91652	40.851	ng		96
11) bis(2-Chloroethyl)ether	7.623	93	66680	38.883	ng		91
12) 1,3-Dichlorobenzene	8.110	146	74898	40.832	ng		96
13) 1,4-Dichlorobenzene	8.257	146	76172	40.735	ng		97
14) 1,2-Dichlorobenzene	8.586	146	74922	40.626	ng		96
15) Benzyl Alcohol	8.457	79	76012	40.560	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.750	45	92228	37.244	ng		97
17) 2-Methylphenol	8.662	107	60145	40.626	ng		92
18) Hexachloroethane	9.326	117	25544	39.286	ng		91
19) n-Nitroso-di-n-propyla...	9.027	70	66069	38.811	ng		91
20) 3+4-Methylphenols	8.991	107	88440	41.755	ng		90
22) Acetophenone	9.050	105	113007	38.961	ng	#	93
24) Nitrobenzene	9.438	77	92477	38.607	ng		92
25) Isophorone	9.961	82	174176	40.538	ng		99
26) 2-Nitrophenol	10.160	139	42216	41.581	ng	#	85
27) 2,4-Dimethylphenol	10.213	122	62650	41.678	ng		94
28) bis(2-Chloroethoxy)met...	10.442	93	96099	39.411	ng		98
29) 2,4-Dichlorophenol	10.707	162	73979	41.059	ng		96
30) 1,2,4-Trichlorobenzene	10.924	180	82332	39.132	ng		98
31) Naphthalene	11.112	128	231518	40.240	ng		98
32) Benzoic acid	10.360	122	31394m	34.255	ng		
33) 4-Chloroaniline	11.212	127	101080	42.080	ng		98
34) Hexachlorobutadiene	11.400	225	53099	37.370	ng		99
35) Caprolactam	11.976	113	30815	46.930	ng	#	85
36) 4-Chloro-3-methylphenol	12.328	107	87904	42.884	ng		93
37) 2-Methylnaphthalene	12.704	142	175972	41.179	ng		96
38) 1-Methylnaphthalene	12.921	142	171177	41.338	ng		99
40) 1,2,4,5-Tetrachloroben...	13.074	216	106441	37.866	ng		96
41) Hexachlorocyclopentadiene	13.051	237	40418	33.147	ng		96
43) 2,4,6-Trichlorophenol	13.309	196	72112	39.225	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.385	196	79865	40.087	ng		95
46) 1,1'-Biphenyl	13.703	154	245957	39.247	ng		99
47) 2-Chloronaphthalene	13.750	162	190020	39.357	ng		98
48) 2-Nitroaniline	13.943	65	70527	41.030	ng		87
49) Acenaphthylene	14.590	152	319117	40.603	ng		98
50) Dimethylphthalate	14.308	163	273563	41.785	ng		99
51) 2,6-Dinitrotoluene	14.431	165	59343	42.004	ng		91
52) Acenaphthene	14.930	154	209204m	40.644	ng		
53) 3-Nitroaniline	14.760	138	66428	45.236	ng		98
54) 2,4-Dinitrophenol	14.971	184	34046	41.432	ng		96
55) Dibenzofuran	15.265	168	331464	40.948	ng		99
56) 4-Nitrophenol	15.071	139	47305	42.895	ng	#	85
57) 2,4-Dinitrotoluene	15.218	165	88418	43.972	ng	#	80
58) Fluorene	15.911	166	274996	42.555	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.488	232	80248m	42.164	ng		
60) Diethylphthalate	15.665	149	279706	42.293	ng		96
61) 4-Chlorophenyl-phenyle...	15.894	204	147598	40.097	ng		97
62) 4-Nitroaniline	15.929	138	70391	45.532	ng	#	82
63) Azobenzene	16.187	77	270058	39.888	ng		94
65) 4,6-Dinitro-2-methylph...	15.988	198	58672	43.404	ng		87
66) n-Nitrosodiphenylamine	16.111	169	245323	39.624	ng		95
67) 4-Bromophenyl-phenylether	16.793	248	107441	39.317	ng		96
68) Hexachlorobenzene	16.928	284	112670	38.014	ng		90
69) Atrazine	17.051	200	100691	40.227	ng		93
70) Pentachlorophenol	17.268	266	57430	39.607	ng		98
71) Phenanthrene	17.662	178	461998	39.883	ng		97
72) Anthracene	17.750	178	451650	39.788	ng		100
73) Carbazole	18.014	167	451853	40.813	ng		98
74) Di-n-butylphthalate	18.555	149	489602	40.589	ng		97
75) Fluoranthene	19.665	202	583867	39.584	ng		99
77) Benzidine	19.830	184	207394	44.640	ng		97
78) Pyrene	20.023	202	580077	39.871	ng		99
80) Butylbenzylphthalate	20.893	149	212818	42.111	ng		91
81) Benzo(a)anthracene	21.915	228	566003	39.339	ng		98
82) 3,3'-Dichlorobenzidine	21.809	252	202962	40.408	ng		98
83) Chrysene	21.985	228	530393	38.902	ng		99
84) Bis(2-ethylhexyl)phtha...	21.786	149	288368	41.151	ng		98
85) Di-n-octyl phthalate	23.078	149	485414	41.316	ng		95
87) Indeno(1,2,3-cd)pyrene	29.393	276	652524	39.460	ng	#	94
88) Benzo(b)fluoranthene	24.294	252	564841	40.112	ng		99
89) Benzo(k)fluoranthene	24.365	252	537685	38.652	ng		99
90) Benzo(a)pyrene	25.240	252	468519	39.387	ng		100
91) Dibenzo(a,h)anthracene	29.469	278	532752	39.000	ng		95
92) Benzo(g,h,i)perylene	30.656	276	528147	39.396	ng		97

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

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