Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053140.D
Acq On : 13 Apr 2022 16:06
Operator : CG/JU
Sample : N2368-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

Quant Time: Apr 14 02:57:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	32146	20.000	ng		0.00
21) Naphthalene-d8	10.937	136	130269	20.000	ng		0.00
39) Acenaphthene-d10	14.743	164	98725	20.000	ng		0.00
64) Phenanthrene-d10	17.487	188	233167	20.000	ng		0.00
76) Chrysene-d12	21.769	240	226234	20.000	ng		0.00
86) Perylene-d12	25.070	264	242533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	208535	111.201	ng		0.00
7) Phenol-d6	7.283	99	311593	107.747	ng		0.00
23) Nitrobenzene-d5	9.280	82	220936	68.863	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	166503	106.007	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	476264	66.520	ng		0.00
79) Terphenyl-d14	20.089	244	845845	63.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	34239	38.232	ng	#	94
3) Pyridine	3.964	79	84591	35.813	ng		93
4) n-Nitrosodimethylamine	3.876	42	51784	44.272	ng		91
6) Aniline	7.441	93	112024	33.425	ng		99
8) 2-Chlorophenol	7.688	128	100346	49.565	ng		96
9) Benzaldehyde	7.247	77	80203m	46.397	ng		
10) Phenol	7.306	94	139525	48.470	ng		91
11) bis(2-Chloroethyl)ether	7.529	93	94485	45.534	ng		93
12) 1,3-Dichlorobenzene	8.011	146	103728	44.092	ng		96
13) 1,4-Dichlorobenzene	8.152	146	105809	44.117	ng		97
14) 1,2-Dichlorobenzene	8.475	146	102921	44.500	ng		97
15) Benzyl Alcohol	8.352	79	116917	45.485	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	152681	44.072	ng		96
17) 2-Methylphenol	8.563	107	94181	48.349	ng		95
18) Hexachloroethane	9.210	117	40807	45.372	ng		97
19) n-Nitroso-di-n-propyla...	8.922	70	92668	43.769	ng	#	95
20) 3+4-Methylphenols	8.886	107	132400	48.148	ng		94
22) Acetophenone	8.939	105	160613	44.441	ng		95
24) Nitrobenzene	9.327	77	142938	45.804	ng		93
25) Isophorone	9.850	82	253823	46.546	ng		99
26) 2-Nitrophenol	10.038	139	59547	45.633	ng	#	92
27) 2,4-Dimethylphenol	10.097	122	104790	56.071	ng		94
28) bis(2-Chloroethoxy)met...	10.326	93	139594	45.565	ng		97
29) 2,4-Dichlorophenol	10.578	162	114082	48.557	ng		97
30) 1,2,4-Trichlorobenzene	10.796	180	117558	44.210	ng		96
31) Naphthalene	10.984	128	308680	44.414	ng		100
32) Benzoic acid	10.249	122	66458	54.138	ng		88
33) 4-Chloroaniline	11.083	127	58655	19.707	ng		94
34) Hexachlorobutadiene	11.271	225	84503	42.781	ng		98
35) Caprolactam	11.853	113	39794m	48.052	ng		
36) 4-Chloro-3-methylphenol	12.205	107	131348	48.021	ng		93
37) 2-Methylnaphthalene	12.581	142	231937	45.100	ng		97
38) 1-Methylnaphthalene	12.799	142	222573	44.338	ng		92
40) 1,2,4,5-Tetrachloroben...	12.946	216	151120	45.069	ng		98
41) Hexachlorocyclopentadiene	12.928	237	178091	102.889	ng		93
43) 2,4,6-Trichlorophenol	13.181	196	110202	47.669	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	117590	47.733	ng		98
46) 1,1'-Biphenyl	13.580	154	325589	45.796	ng		98
47) 2-Chloronaphthalene	13.621	162	256227	45.173	ng		97
48) 2-Nitroaniline	13.821	65	98547	45.781	ng		93
49) Acenaphthylene	14.467	152	432207	48.676	ng		98
50) Dimethylphthalate	14.191	163	348202	44.096	ng		98
51) 2,6-Dinitrotoluene	14.309	165	75864	46.053	ng	#	84
52) Acenaphthene	14.808	154	314513m	52.233	ng		
53) 3-Nitroaniline	14.637	138	44042	25.284	ng		87
54) 2,4-Dinitrophenol	14.849	184	101863	97.182	ng		91
55) Dibenzofuran	15.143	168	409267	43.407	ng		99
56) 4-Nitrophenol	14.955	139	126549	95.257	ng	#	79
57) 2,4-Dinitrotoluene	15.096	165	108598	46.305	ng	#	86
58) Fluorene	15.789	166	342911	45.030	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.366	232	108468	45.339	ng		98
60) Diethylphthalate	15.548	149	361141	43.651	ng		99
61) 4-Chlorophenyl-phenyle...	15.777	204	190333	44.091	ng		97
62) 4-Nitroaniline	15.806	138	75162	40.891	ng	#	82
63) Azobenzene	16.065	77	362393	43.445	ng		96
65) 4,6-Dinitro-2-methylph...	15.865	198	68942	42.380	ng		96
66) n-Nitrosodiphenylamine	15.989	169	304762	45.452	ng		100
67) 4-Bromophenyl-phenylether	16.670	248	136658	45.740	ng		96
68) Hexachlorobenzene	16.799	284	149697	46.267	ng		96
69) Atrazine	16.934	200	130229	49.722	ng		95
70) Pentachlorophenol	17.140	266	177923	100.618	ng		92
71) Phenanthrene	17.528	178	598596	47.000	ng		98
72) Anthracene	17.622	178	574899	45.564	ng		99
73) Carbazole	17.886	167	530675	43.268	ng		98
74) Di-n-butylphthalate	18.438	149	613217	44.084	ng		99
75) Fluoranthene	19.537	202	755745	46.293	ng		99
77) Benzidine	19.707	184	344979	53.445	ng		100
78) Pyrene	19.895	202	747722	46.407	ng		99
80) Butylbenzylphthalate	20.770	149	263962	43.943	ng		96
81) Benzo(a)anthracene	21.751	228	714790	46.210	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	145627	25.599	ng		100
83) Chrysene	21.822	228	651787	45.403	ng		99
84) Bis(2-ethylhexyl)phtha...	21.646	149	368198	45.346	ng		100
85) Di-n-octyl phthalate	22.879	149	622504	45.841	ng		96
87) Indeno(1,2,3-cd)pyrene	28.848	276	806827	44.777	ng	#	96
88) Benzo(b)fluoranthene	24.025	252	741076	48.429	ng		99
89) Benzo(k)fluoranthene	24.089	252	703427	46.772	ng		97
90) Benzo(a)pyrene	24.918	252	712032	54.619	ng		99
91) Dibenzo(a,h)anthracene	28.912	278	692248	46.677	ng		98
92) Benzo(g,h,i)perylene	30.034	276	692413	47.369	ng		98

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

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