Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
Data File : BG053877.D
Acq On : 10 Jun 2022 16:19
Operator : CG/JU
Sample : N3287-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 17:36:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	20518	20.000	ng		0.00
21) Naphthalene-d8	10.902	136	84382	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	64407	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	162999	20.000	ng	#	0.00
76) Chrysene-d12	21.737	240	182734	20.000	ng		0.00
86) Perylene-d12	25.004	264	191838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	150422	134.627	ng		0.00
7) Phenol-d6	7.248	99	196823	130.042	ng		0.00
23) Nitrobenzene-d5	9.251	82	128780	100.220	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	137228	175.526	ng		0.00
45) 2-Fluorobiphenyl	13.341	172	364366	84.633	ng		0.00
79) Terphenyl-d14	20.062	244	799875	87.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	18645	34.511	ng		88
3) Pyridine	3.940	79	48036	36.682	ng		96
4) n-Nitrosodimethylamine	3.858	42	27927	47.231	ng	#	99
6) Aniline	7.412	93	63913	34.696	ng		98
8) 2-Chlorophenol	7.653	128	61811	54.042	ng		94
9) Benzaldehyde	7.224	77	38916	38.560	ng	#	76
10) Phenol	7.271	94	76609	48.985	ng		96
11) bis(2-Chloroethyl)ether	7.506	93	53815	43.748	ng		90
12) 1,3-Dichlorobenzene	7.982	146	67887	46.642	ng		94
13) 1,4-Dichlorobenzene	8.129	146	68702	46.414	ng		97
14) 1,2-Dichlorobenzene	8.446	146	66302	46.756	ng		95
15) Benzyl Alcohol	8.323	79	57750	50.976	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.617	45	80729	37.406	ng		99
17) 2-Methylphenol	8.529	107	53035	49.610	ng		92
18) Hexachloroethane	9.181	117	23621	48.231	ng	#	79
19) n-Nitroso-di-n-propyla...	8.893	70	47111	43.948	ng	#	95
20) 3+4-Methylphenols	8.852	107	72809	50.129	ng		95
22) Acetophenone	8.911	105	92264	44.280	ng	#	95
24) Nitrobenzene	9.293	77	67061	47.020	ng	#	87
25) Isophorone	9.815	82	130729	45.391	ng	#	95
26) 2-Nitrophenol	10.009	139	33782	71.167	ng	#	79
27) 2,4-Dimethylphenol	10.062	122	60446	58.381	ng		90
28) bis(2-Chloroethoxy)met...	10.297	93	74749	47.761	ng	#	96
29) 2,4-Dichlorophenol	10.544	162	70656	56.819	ng		92
30) 1,2,4-Trichlorobenzene	10.761	180	77748	49.398	ng		98
31) Naphthalene	10.949	128	199356	46.161	ng		100
32) Benzoic acid	10.197	122	29432	45.586	ng	#	80
33) 4-Chloroaniline	11.049	127	37212	20.783	ng	#	91
34) Hexachlorobutadiene	11.243	225	56961	51.084	ng		98
35) Caprolactam	11.819	113	20281m	57.063	ng		
36) 4-Chloro-3-methylphenol	12.166	107	69419	52.451	ng		87
37) 2-Methylnaphthalene	12.548	142	139315	44.467	ng		97
38) 1-Methylnaphthalene	12.765	142	134435	43.879	ng		99
40) 1,2,4,5-Tetrachloroben...	12.918	216	106003	49.012	ng		96
41) Hexachlorocyclopentadiene	12.900	237	130098	118.338	ng		98
43) 2,4,6-Trichlorophenol	13.147	196	67942	57.924	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.223	196	73776	56.530	ng	#	92
46) 1,1'-Biphenyl	13.552	154	200392	43.656	ng		98
47) 2-Chloronaphthalene	13.593	162	159103	44.553	ng		97
48) 2-Nitroaniline	13.787	65	46047	50.404	ng		88
49) Acenaphthylene	14.434	152	261113	45.578	ng		99
50) Dimethylphthalate	14.163	163	211030	44.709	ng		99
51) 2,6-Dinitrotoluene	14.275	165	48076	56.095	ng	#	74
52) Acenaphthene	14.780	154	180154	49.496	ng		98
53) 3-Nitroaniline	14.604	138	26621	30.462	ng		87
54) 2,4-Dinitrophenol	14.815	184	53553	125.304	ng	#	78
55) Dibenzofuran	15.109	168	257055	44.302	ng		93
56) 4-Nitrophenol	14.909	139	73528	96.669	ng	#	86
57) 2,4-Dinitrotoluene	15.062	165	66288	56.671	ng	#	86
58) Fluorene	15.761	166	206625	43.009	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.333	232	70745	49.725	ng	#	91
60) Diethylphthalate	15.526	149	208862	43.692	ng		96
61) 4-Chlorophenyl-phenyle...	15.750	204	125911	48.614	ng	#	88
62) 4-Nitroaniline	15.767	138	44073	44.624	ng	#	76
63) Azobenzene	16.043	77	170534	38.126	ng		90
65) 4,6-Dinitro-2-methylph...	15.826	198	39875	62.036	ng		86
66) n-Nitrosodiphenylamine	15.961	169	189585	43.739	ng		97
67) 4-Bromophenyl-phenylether	16.643	248	91046	51.409	ng		93
68) Hexachlorobenzene	16.766	284	102188	51.765	ng		94
69) Atrazine	16.907	200	84381	49.722	ng		96
70) Pentachlorophenol	17.107	266	116111	91.723	ng		96
71) Phenanthrene	17.501	178	365320	42.580	ng		99
72) Anthracene	17.589	178	368263	43.857	ng		100
73) Carbazole	17.853	167	325455	42.940	ng		99
74) Di-n-butylphthalate	18.411	149	368158	42.241	ng	#	97
75) Fluoranthene	19.504	202	481772	43.293	ng		97
77) Benzidine	19.674	184	236417	52.909	ng		98
78) Pyrene	19.868	202	483640	41.618	ng		97
80) Butylbenzylphthalate	20.750	149	169573	44.742	ng		88
81) Benzo(a)anthracene	21.713	228	525947	43.354	ng		99
82) 3,3'-Dichlorobenzidine	21.625	252	130119	38.054	ng	#	96
83) Chrysene	21.784	228	484289	42.292	ng		98
84) Bis(2-ethylhexyl)phtha...	21.619	149	245931	45.125	ng		95
85) Di-n-octyl phthalate	22.853	149	421547	46.511	ng		95
87) Indeno(1,2,3-cd)pyrene	28.740	276	629350	44.508	ng	#	97
88) Benzo(b)fluoranthene	23.964	252	545204	45.777	ng		99
89) Benzo(k)fluoranthene	24.034	252	522125	44.352	ng		98
90) Benzo(a)pyrene	24.851	252	521738	51.799	ng		99
91) Dibenzo(a,h)anthracene	28.811	278	544860	46.630	ng		98
92) Benzo(g,h,i)perylene	29.915	276	537456	46.664	ng		96

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

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