Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
Data File : BG054285.D
Acq On : 14 Jul 2022 18:21
Operator : CG/JU
Sample : N3711-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC124055MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Quant Time: Jul 15 01:58:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 15:49:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.038	152	15325	20.000	ng		0.00
21) Naphthalene-d8	10.846	136	60504	20.000	ng	#	0.00
39) Acenaphthene-d10	14.671	164	50675	20.000	ng		0.00
64) Phenanthrene-d10	17.415	188	135518	20.000	ng	#	0.00
76) Chrysene-d12	21.686	240	159076	20.000	ng	#	0.00
86) Perylene-d12	24.918	264	173571	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	72998	95.700	ng		0.00
7) Phenol-d6	7.209	99	95740	91.002	ng		0.00
23) Nitrobenzene-d5	9.201	82	60486	54.251	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	96696	98.506	ng		0.00
45) 2-Fluorobiphenyl	13.290	172	182229	52.838	ng		0.00
79) Terphenyl-d14	20.018	244	437973	56.617	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.478	88	11623	34.843	ng	#	93
3) Pyridine	3.884	79	30365	36.446	ng		96
4) n-Nitrosodimethylamine	3.795	42	22349	53.097	ng	#	80
6) Aniline	7.356	93	56331	45.550	ng		95
8) 2-Chlorophenol	7.609	128	46476	54.361	ng		90
9) Benzaldehyde	7.174	77	23943m	37.898	ng		
10) Phenol	7.233	94	54512	51.356	ng		92
11) bis(2-Chloroethyl)ether	7.450	93	35973	45.955	ng		92
12) 1,3-Dichlorobenzene	7.932	146	52777	50.840	ng		93
13) 1,4-Dichlorobenzene	8.073	146	53824	50.597	ng		95
14) 1,2-Dichlorobenzene	8.396	146	52460	51.357	ng		99
15) Benzyl Alcohol	8.278	79	44373	52.319	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.560	45	44335	40.788	ng		92
17) 2-Methylphenol	8.484	107	38705	51.036	ng		96
18) Hexachloroethane	9.125	117	18193	50.265	ng	#	65
19) n-Nitroso-di-n-propyla...	8.842	70	32958	45.887	ng	#	88
20) 3+4-Methylphenols	8.813	107	53487	50.265	ng		94
22) Acetophenone	8.860	105	68529	46.867	ng	#	96
24) Nitrobenzene	9.242	77	50072	45.683	ng	#	84
25) Isophorone	9.765	82	92477	45.851	ng	#	91
26) 2-Nitrophenol	9.959	139	26495	49.065	ng		89
27) 2,4-Dimethylphenol	10.018	122	43646	57.783	ng		99
28) bis(2-Chloroethoxy)met...	10.247	93	50855	49.533	ng		98
29) 2,4-Dichlorophenol	10.499	162	58980	53.875	ng		88
30) 1,2,4-Trichlorobenzene	10.711	180	67708	50.127	ng	#	95
31) Naphthalene	10.899	128	141139	46.389	ng		100
32) Benzoic acid	10.194	122	12789m	37.373	ng		
33) 4-Chloroaniline	11.005	127	44112	34.864	ng		96
34) Hexachlorobutadiene	11.187	225	60941	54.375	ng		98
35) Caprolactam	11.774	113	14292m	45.841	ng		
36) 4-Chloro-3-methylphenol	12.127	107	52536	49.880	ng	#	87
37) 2-Methylnaphthalene	12.497	142	110738	47.493	ng		97
38) 1-Methylnaphthalene	12.720	142	104931	46.352	ng		98
40) 1,2,4,5-Tetrachloroben...	12.867	216	107722	52.369	ng	#	94
41) Hexachlorocyclopentadiene	12.850	237	85517	97.984	ng		97
43) 2,4,6-Trichlorophenol	13.108	196	60261	51.011	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.184	196	65633	50.791	ng	#	91
46) 1,1'-Biphenyl	13.502	154	165606	48.597	ng		96
47) 2-Chloronaphthalene	13.549	162	135301	47.494	ng		93
48) 2-Nitroaniline	13.749	65	36487	45.254	ng	#	87
49) Acenaphthylene	14.389	152	200605	46.418	ng		99
50) Dimethylphthalate	14.119	163	185458	46.612	ng		99
51) 2,6-Dinitrotoluene	14.242	165	41082	47.505	ng	#	75
52) Acenaphthene	14.730	154	122066	46.697	ng		98
53) 3-Nitroaniline	14.571	138	27808	36.276	ng		86
54) 2,4-Dinitrophenol	14.783	184	44736	92.780	ng	#	78
55) Dibenzofuran	15.065	168	218567	47.604	ng		95
56) 4-Nitrophenol	14.894	139	49861	101.246	ng		94
57) 2,4-Dinitrotoluene	15.029	165	59970	47.890	ng	#	85
58) Fluorene	15.717	166	179836	47.150	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.294	232	60744	46.933	ng	#	87
60) Diethylphthalate	15.482	149	176724	45.540	ng		94
61) 4-Chlorophenyl-phenyle...	15.699	204	123009	50.772	ng	#	88
62) 4-Nitroaniline	15.734	138	34349	42.901	ng		93
63) Azobenzene	15.999	77	125580	42.940	ng		82
65) 4,6-Dinitro-2-methylph...	15.799	198	38343	48.096	ng		78
66) n-Nitrosodiphenylamine	15.917	169	162897	47.656	ng		97
67) 4-Bromophenyl-phenylether	16.598	248	91899	50.843	ng	#	89
68) Hexachlorobenzene	16.727	284	108506	52.594	ng	#	89
69) Atrazine	16.863	200	83662	55.417	ng		94
70) Pentachlorophenol	17.068	266	84566	89.767	ng		95
71) Phenanthrene	17.456	178	318949	47.050	ng		98
72) Anthracene	17.544	178	324597	48.894	ng		98
73) Carbazole	17.814	167	269653	47.964	ng		98
74) Di-n-butylphthalate	18.367	149	298654	44.861	ng		98
75) Fluoranthene	19.465	202	439846	47.711	ng		95
77) Benzidine	19.636	184	246194	88.164	ng		97
78) Pyrene	19.824	202	438637	47.912	ng		99
80) Butylbenzylphthalate	20.705	149	131704	44.398	ng	#	83
81) Benzo(a)anthracene	21.663	228	482939	47.993	ng		99
82) 3,3'-Dichlorobenzidine	21.575	252	130556	42.449	ng	#	95
83) Chrysene	21.733	228	448012	47.073	ng		96
84) Bis(2-ethylhexyl)phtha...	21.563	149	189006	44.907	ng	#	92
85) Di-n-octyl phthalate	22.773	149	317751	43.854	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.631	276	617476	47.288	ng	#	98
88) Benzo(b)fluoranthene	23.895	252	525057	51.013	ng	#	97
89) Benzo(k)fluoranthene	23.960	252	499694	48.937	ng	#	98
90) Benzo(a)pyrene	24.771	252	460534	52.294	ng	#	97
91) Dibenzo(a,h)anthracene	28.678	278	532543	49.784	ng	#	95
92) Benzo(g,h,i)perylene	29.783	276	532310	49.891	ng	#	91

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

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