Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
Data File : BG054758.D
Acq On : 26 Aug 2022 16:39
Operator : CG/JU
Sample : N4379-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-9-11MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 02:14:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	43768	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	179675	20.000	ng		0.00
39) Acenaphthene-d10	14.786	164	122135	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	279845	20.000	ng		0.00
76) Chrysene-d12	21.825	240	266465	20.000	ng		0.00
86) Perylene-d12	25.192	264	289893	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	275976	109.800	ng		0.00
7) Phenol-d6	7.295	99	375173	109.147	ng		0.00
23) Nitrobenzene-d5	9.322	82	219356	64.090	ng		0.00
42) 2,4,6-Tribromophenol	16.267	330	160780	105.350	ng		0.00
45) 2-Fluorobiphenyl	13.412	172	528505	65.039	ng		0.00
79) Terphenyl-d14	20.127	244	963345	71.633	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	48822	40.678	ng		99
3) Pyridine	3.934	79	131863	39.390	ng		96
4) n-Nitrosodimethylamine	3.852	42	68050	47.025	ng		97
6) Aniline	7.466	93	195709	47.921	ng		100
8) 2-Chlorophenol	7.712	128	150137	54.673	ng		99
9) Benzaldehyde	7.284	77	85811	38.089	ng		97
10) Phenol	7.325	94	189648	53.649	ng		98
11) bis(2-Chloroethyl)ether	7.560	93	141590	49.803	ng		98
12) 1,3-Dichlorobenzene	8.036	146	155999	49.089	ng		98
13) 1,4-Dichlorobenzene	8.188	146	155566	48.532	ng		99
14) 1,2-Dichlorobenzene	8.506	146	152311	50.111	ng		98
15) Benzyl Alcohol	8.388	79	131956m	53.138	ng		
16) 2,2'-oxybis(1-Chloropr...	8.676	45	220721	49.616	ng		99
17) 2-Methylphenol	8.588	107	130536	53.634	ng		99
18) Hexachloroethane	9.246	117	56607	48.700	ng		100
19) n-Nitroso-di-n-propyla...	8.958	70	115688	48.943	ng		98
20) 3+4-Methylphenols	8.911	107	177538	52.605	ng		96
22) Acetophenone	8.982	105	219110	48.744	ng	#	98
24) Nitrobenzene	9.369	77	163802	47.482	ng		99
25) Isophorone	9.886	82	321299	50.347	ng		99
26) 2-Nitrophenol	10.080	139	79881	52.420	ng		97
27) 2,4-Dimethylphenol	10.127	122	144464	59.834	ng		97
28) bis(2-Chloroethoxy)met...	10.368	93	195936	53.881	ng		98
29) 2,4-Dichlorophenol	10.615	162	145225	52.882	ng		97
30) 1,2,4-Trichlorobenzene	10.832	180	146917	46.814	ng		99
31) Naphthalene	11.026	128	452492	46.939	ng		100
32) Benzoic acid	10.257	122	74134	43.819	ng		97
33) 4-Chloroaniline	11.132	127	137634	35.021	ng		98
34) Hexachlorobutadiene	11.302	225	94638	47.066	ng		98
35) Caprolactam	11.896	113	51221m	52.867	ng		
36) 4-Chloro-3-methylphenol	12.237	107	160357	53.398	ng		96
37) 2-Methylnaphthalene	12.624	142	323900	47.939	ng		99
38) 1-Methylnaphthalene	12.842	142	309465	47.077	ng		100
40) 1,2,4,5-Tetrachloroben...	12.983	216	173176	47.037	ng		99
41) Hexachlorocyclopentadiene	12.959	237	220171	112.763	ng		96
43) 2,4,6-Trichlorophenol	13.218	196	121438	49.694	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	134701	49.082	ng	98
46) 1,1'-Biphenyl	13.617	154	440102	48.524	ng	100
47) 2-Chloronaphthalene	13.664	162	324317	47.084	ng	99
48) 2-Nitroaniline	13.864	65	107033	49.582	ng	99
49) Acenaphthylene	14.510	152	542858	47.759	ng	99
50) Dimethylphthalate	14.234	163	446241	47.425	ng	100
51) 2,6-Dinitrotoluene	14.352	165	97009	50.405	ng	90
52) Acenaphthene	14.851	154	383777m	52.562	ng	
53) 3-Nitroaniline	14.687	138	83440	38.729	ng	96
54) 2,4-Dinitrophenol	14.886	184	108313	98.070	ng	93
55) Dibenzofuran	15.180	168	506922	47.249	ng	99
56) 4-Nitrophenol	14.980	139	175986	105.553	ng	96
57) 2,4-Dinitrotoluene	15.139	165	136102	51.127	ng	86
58) Fluorene	15.826	166	428773	47.440	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	118688	47.976	ng	99
60) Diethylphthalate	15.586	149	447628	47.641	ng	99
61) 4-Chlorophenyl-phenyle...	15.815	204	219357	49.197	ng	100
62) 4-Nitroaniline	15.850	138	106048	48.211	ng	97
63) Azobenzene	16.108	77	419204	46.946	ng	99
65) 4,6-Dinitro-2-methylph...	15.897	198	71888	50.466	ng	97
66) n-Nitrosodiphenylamine	16.032	169	385099	47.718	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	149392	48.623	ng	97
68) Hexachlorobenzene	16.825	284	167340	48.449	ng	99
69) Atrazine	16.972	200	151006	53.039	ng	99
70) Pentachlorophenol	17.172	266	196954	104.949	ng	97
71) Phenanthrene	17.571	178	695785	46.673	ng	99
72) Anthracene	17.665	178	708197	48.863	ng	100
73) Carbazole	17.930	167	664737	49.780	ng	99
74) Di-n-butylphthalate	18.476	149	812647	48.092	ng	99
75) Fluoranthene	19.575	202	873720	48.179	ng	99
77) Benzidine	19.751	184	573617	86.912	ng	99
78) Pyrene	19.939	202	879612	47.341	ng	99
80) Butylbenzylphthalate	20.815	149	369117	47.627	ng	96
81) Benzo(a)anthracene	21.802	228	857227	47.447	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	257038	40.578	ng	98
83) Chrysene	21.872	228	808151	46.782	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	547494	49.032	ng	99
85) Di-n-octyl phthalate	22.953	149	920260	48.598	ng	96
87) Indeno(1,2,3-cd)pyrene	29.064	276	1027436	46.685	ng	98
88) Benzo(b)fluoranthene	24.117	252	932911	51.300	ng	99
89) Benzo(k)fluoranthene	24.187	252	880114	48.089	ng	98
90) Benzo(a)pyrene	25.033	252	811637	52.240	ng	99
91) Dibenzo(a,h)anthracene	29.134	278	881399	49.159	ng	100
92) Benzo(g,h,i)perylene	30.280	276	883476	48.776	ng	98

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

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