Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054788.D
Acq On : 30 Aug 2022 13:47
Operator : CG/JU
Sample : N4398-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

Quant Time: Aug 30 16:05:02 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	8.147	152	41832	20.000	ng		0.00
21) Naphthalene-d8	10.974	136	183937	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	129497	20.000	ng		0.00
64) Phenanthrene-d10	17.531	188	287636	20.000	ng		0.00
76) Chrysene-d12	21.826	240	262843	20.000	ng		0.00
86) Perylene-d12	25.192	264	284022	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.692	112	298026	124.061	ng		0.00
7) Phenol-d6	7.301	99	417829	127.182	ng		0.00
23) Nitrobenzene-d5	9.323	82	246088	70.235	ng		0.00
42) 2,4,6-Tribromophenol	16.267	330	193573	119.626	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	621998	72.193	ng		0.00
79) Terphenyl-d14	20.128	244	1032945	77.866	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	43645	38.048	ng		98
3) Pyridine	3.941	79	115313	36.041	ng		97
4) n-Nitrosodimethylamine	3.853	42	59514	43.030	ng		97
6) Aniline	7.472	93	187060	47.923	ng		97
8) 2-Chlorophenol	7.713	128	144564	55.080	ng		98
9) Benzaldehyde	7.284	77	80374	37.327	ng		98
10) Phenol	7.325	94	183178	54.217	ng		100
11) bis(2-Chloroethyl)ether	7.560	93	129985	47.837	ng		97
12) 1,3-Dichlorobenzene	8.036	146	144627	47.617	ng		99
13) 1,4-Dichlorobenzene	8.189	146	146176	47.713	ng		98
14) 1,2-Dichlorobenzene	8.506	146	142748	49.139	ng		98
15) Benzyl Alcohol	8.388	79	129468	54.549	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.676	45	200581	47.176	ng		99
17) 2-Methylphenol	8.588	107	127662	54.881	ng		99
18) Hexachloroethane	9.240	117	51555	46.407	ng		98
19) n-Nitroso-di-n-propyla...	8.958	70	113332	50.165	ng		98
20) 3+4-Methylphenols	8.917	107	174203	54.005	ng		98
22) Acetophenone	8.976	105	211887	46.045	ng	#	99
24) Nitrobenzene	9.364	77	155104	43.919	ng		98
25) Isophorone	9.887	82	316867	48.502	ng		100
26) 2-Nitrophenol	10.081	139	78873	50.560	ng		95
27) 2,4-Dimethylphenol	10.128	122	138981	56.229	ng		98
28) bis(2-Chloroethoxy)met...	10.368	93	188698	50.688	ng		99
29) 2,4-Dichlorophenol	10.615	162	145678	51.818	ng		98
30) 1,2,4-Trichlorobenzene	10.833	180	145927	45.421	ng		98
31) Naphthalene	11.026	128	444283	45.020	ng		99
32) Benzoic acid	10.274	122	68181	40.160	ng		92
33) 4-Chloroaniline	11.132	127	156988	39.020	ng		99
34) Hexachlorobutadiene	11.303	225	94721	46.016	ng		98
35) Caprolactam	11.908	113	50669m	51.086	ng		
36) 4-Chloro-3-methylphenol	12.243	107	159827	51.988	ng		97
37) 2-Methylnaphthalene	12.625	142	329453	47.631	ng		100
38) 1-Methylnaphthalene	12.842	142	313269	46.551	ng		99
40) 1,2,4,5-Tetrachloroben...	12.983	216	183730	47.067	ng		99
41) Hexachlorocyclopentadiene	12.959	237	212204	102.504	ng		98
43) 2,4,6-Trichlorophenol	13.218	196	125299	48.359	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	135658	46.621	ng		98
46) 1,1'-Biphenyl	13.618	154	447992	46.586	ng		99
47) 2-Chloronaphthalene	13.665	162	334886	45.854	ng		99
48) 2-Nitroaniline	13.864	65	105020	45.884	ng		94
49) Acenaphthylene	14.511	152	551969	45.800	ng		99
50) Dimethylphthalate	14.229	163	453942	45.501	ng		99
51) 2,6-Dinitrotoluene	14.352	165	97855	47.954	ng		88
52) Acenaphthene	14.845	154	390507m	50.443	ng		
53) 3-Nitroaniline	14.687	138	87722	38.402	ng		95
54) 2,4-Dinitrophenol	14.887	184	105950	90.995	ng		93
55) Dibenzofuran	15.180	168	521102	45.809	ng		99
56) 4-Nitrophenol	14.987	139	170627	96.521	ng		97
57) 2,4-Dinitrotoluene	15.139	165	136702	48.433	ng		87
58) Fluorene	15.827	166	435478	45.442	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	120527	45.949	ng		98
60) Diethylphthalate	15.586	149	446748	44.844	ng		98
61) 4-Chlorophenyl-phenyle...	15.815	204	226677	47.949	ng		99
62) 4-Nitroaniline	15.850	138	105868	45.393	ng		97
63) Azobenzene	16.109	77	407139	43.003	ng		97
65) 4,6-Dinitro-2-methylph...	15.897	198	70733	48.310	ng		99
66) n-Nitrosodiphenylamine	16.026	169	390356	47.060	ng		99
67) 4-Bromophenyl-phenylether	16.708	248	154601	48.955	ng		99
68) Hexachlorobenzene	16.826	284	172142	48.489	ng		97
69) Atrazine	16.972	200	150065	51.280	ng		99
70) Pentachlorophenol	17.172	266	185434	96.134	ng		100
71) Phenanthrene	17.572	178	699596	45.658	ng		99
72) Anthracene	17.666	178	701116	47.064	ng		99
73) Carbazole	17.930	167	648441	47.244	ng		99
74) Di-n-butylphthalate	18.477	149	778942	44.849	ng		99
75) Fluoranthene	19.575	202	845713	45.371	ng		99
77) Benzidine	19.752	184	398994	61.287	ng		100
78) Pyrene	19.940	202	854186	46.606	ng		99
80) Butylbenzylphthalate	20.809	149	341286	44.643	ng		98
81) Benzo(a)anthracene	21.802	228	817080	45.848	ng		99
82) 3,3'-Dichlorobenzidine	21.714	252	271197	43.403	ng		99
83) Chrysene	21.873	228	775188	45.493	ng		99
84) Bis(2-ethylhexyl)phtha...	21.690	149	507230	46.052	ng		99
85) Di-n-octyl phthalate	22.954	149	839791	44.960	ng		96
87) Indeno(1,2,3-cd)pyrene	29.076	276	986822	45.767	ng	#	93
88) Benzo(b)fluoranthene	24.117	252	859781	48.256	ng		98
89) Benzo(k)fluoranthene	24.188	252	841583	46.934	ng		98
90) Benzo(a)pyrene	25.034	252	762419	50.086	ng		99
91) Dibenzo(a,h)anthracene	29.146	278	837767	47.691	ng		99
92) Benzo(g,h,i)perylene	30.286	276	853462	48.092	ng		97

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

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