Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054791.D
Acq On : 30 Aug 2022 15:53
Operator : CG/JU
Sample : N4375-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

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

Quant Time: Aug 30 16:53:02 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	42753	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	178372	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	126461	20.000	ng		0.00
64) Phenanthrene-d10	17.530	188	293064	20.000	ng		0.00
76) Chrysene-d12	21.825	240	277865	20.000	ng		0.00
86) Perylene-d12	25.192	264	299889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	308151	125.512	ng		0.00
7) Phenol-d6	7.301	99	393113	117.081	ng		0.00
23) Nitrobenzene-d5	9.322	82	281345	82.802	ng		0.00
42) 2,4,6-Tribromophenol	16.267	330	228824	144.806	ng		0.00
45) 2-Fluorobiphenyl	13.412	172	695833	82.701	ng		0.00
79) Terphenyl-d14	20.127	244	1253218	89.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.541	88	41000	34.972	ng	#	28
3) Pyridine	3.952	79	100042	30.594	ng		98
4) n-Nitrosodimethylamine	3.858	42	55007	38.914	ng	#	98
6) Aniline	7.471	93	145095	36.371	ng		96
8) 2-Chlorophenol	7.712	128	129003	48.093	ng		99
9) Benzaldehyde	7.283	77	74282	33.755	ng		98
10) Phenol	7.325	94	141076	40.856	ng		100
11) bis(2-Chloroethyl)ether	7.560	93	121511	43.755	ng		99
12) 1,3-Dichlorobenzene	8.035	146	129352	41.670	ng		98
13) 1,4-Dichlorobenzene	8.188	146	130771	41.765	ng		98
14) 1,2-Dichlorobenzene	8.511	146	128396	43.246	ng		99
15) Benzyl Alcohol	8.388	79	123299	50.831	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.670	45	188393	43.355	ng		99
17) 2-Methylphenol	8.588	107	113397	47.699	ng		99
18) Hexachloroethane	9.246	117	45433	40.015	ng		95
19) n-Nitroso-di-n-propyla...	8.958	70	105132	45.533	ng		98
20) 3+4-Methylphenols	8.917	107	156467	47.462	ng		94
22) Acetophenone	8.981	105	201928	45.250	ng	#	97
24) Nitrobenzene	9.369	77	146513	42.781	ng		96
25) Isophorone	9.886	82	303666	47.931	ng		100
26) 2-Nitrophenol	10.080	139	72719	48.069	ng		97
27) 2,4-Dimethylphenol	10.127	122	127929	53.372	ng		98
28) bis(2-Chloroethoxy)met...	10.368	93	177671	49.215	ng		100
29) 2,4-Dichlorophenol	10.615	162	135485	49.696	ng		99
30) 1,2,4-Trichlorobenzene	10.832	180	130869	42.005	ng		98
31) Naphthalene	11.026	128	410707	42.916	ng		99
32) Benzoic acid	10.262	122	48842	31.705	ng		97
33) 4-Chloroaniline	11.132	127	90230	23.127	ng		97
34) Hexachlorobutadiene	11.302	225	83750	41.956	ng		98
35) Caprolactam	11.902	113	39723m	41.299	ng		
36) 4-Chloro-3-methylphenol	12.242	107	150384	50.443	ng		99
37) 2-Methylnaphthalene	12.624	142	303063	45.183	ng		99
38) 1-Methylnaphthalene	12.842	142	292216	44.778	ng		98
40) 1,2,4,5-Tetrachloroben...	12.983	216	166168	43.590	ng		99
41) Hexachlorocyclopentadiene	12.959	237	178346	88.217	ng		98
43) 2,4,6-Trichlorophenol	13.218	196	118625	46.882	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	130514	45.930	ng		98
46) 1,1'-Biphenyl	13.623	154	418984	44.615	ng		99
47) 2-Chloronaphthalene	13.670	162	310473	43.532	ng		99
48) 2-Nitroaniline	13.870	65	104912	46.937	ng		97
49) Acenaphthylene	14.510	152	524519	44.567	ng		99
50) Dimethylphthalate	14.234	163	442857	45.455	ng		98
51) 2,6-Dinitrotoluene	14.358	165	95380	47.863	ng	#	85
52) Acenaphthene	14.851	154	365341m	48.325	ng		
53) 3-Nitroaniline	14.687	138	74582	33.433	ng		100
54) 2,4-Dinitrophenol	14.892	184	86565	77.226	ng		96
55) Dibenzofuran	15.180	168	500147	45.023	ng		100
56) 4-Nitrophenol	14.986	139	147757	85.590	ng		96
57) 2,4-Dinitrotoluene	15.139	165	136723	49.603	ng		86
58) Fluorene	15.826	166	423634	45.268	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	114229	44.594	ng		98
60) Diethylphthalate	15.585	149	441394	45.370	ng		98
61) 4-Chlorophenyl-phenyle...	15.815	204	217389	47.088	ng		99
62) 4-Nitroaniline	15.850	138	102907	45.183	ng		96
63) Azobenzene	16.108	77	401717	43.449	ng		97
65) 4,6-Dinitro-2-methylph...	15.897	198	65482	43.896	ng		98
66) n-Nitrosodiphenylamine	16.032	169	380457	45.017	ng		100
67) 4-Bromophenyl-phenylether	16.714	248	151361	47.041	ng		97
68) Hexachlorobenzene	16.825	284	169187	46.774	ng		98
69) Atrazine	16.972	200	146803	49.237	ng		100
70) Pentachlorophenol	17.172	266	173312	88.186	ng		99
71) Phenanthrene	17.571	178	693499	44.422	ng		100
72) Anthracene	17.665	178	698436	46.015	ng		99
73) Carbazole	17.930	167	652192	46.637	ng		98
74) Di-n-butylphthalate	18.476	149	791431	44.724	ng		99
75) Fluoranthene	19.575	202	848446	44.675	ng		99
77) Benzidine	19.751	184	137767	20.017	ng		99
78) Pyrene	19.939	202	863688	44.577	ng		99
80) Butylbenzylphthalate	20.815	149	356844	44.154	ng		93
81) Benzo(a)anthracene	21.802	228	840323	44.603	ng		99
82) 3,3'-Dichlorobenzidine	21.714	252	244021	36.942	ng		98
83) Chrysene	21.872	228	787728	43.729	ng		100
84) Bis(2-ethylhexyl)phtha...	21.690	149	523621	44.970	ng		99
85) Di-n-octyl phthalate	22.953	149	879324	44.531	ng		96
87) Indeno(1,2,3-cd)pyrene	29.070	276	1011653	44.436	ng		99
88) Benzo(b)fluoranthene	24.117	252	905540	48.135	ng		99
89) Benzo(k)fluoranthene	24.187	252	863371	45.602	ng		99
90) Benzo(a)pyrene	25.033	252	787665	49.007	ng		99
91) Dibenzo(a,h)anthracene	29.140	278	868545	46.828	ng		99
92) Benzo(g,h,i)perylene	30.292	276	870229	46.443	ng		98

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

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