Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053512.D
Acq On : 10 May 2022 17:39
Operator : CG/JU
Sample : N2763-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

Quant Time: May 11 06:03:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	20576	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	84140	20.000	ng	#	0.00
39) Acenaphthene-d10	14.710	164	67041	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	180042	20.000	ng		0.00
76) Chrysene-d12	21.736	240	189572	20.000	ng		0.00
86) Perylene-d12	25.020	264	202911	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.652	112	77493	63.917	ng		0.00
7) Phenol-d6	7.250	99	69046	37.525	ng		0.00
23) Nitrobenzene-d5	9.253	82	182671	92.418	ng		0.00
42) 2,4,6-Tribromophenol	16.202	330	143330	144.957	ng		0.00
45) 2-Fluorobiphenyl	13.335	172	408879	89.123	ng		0.00
79) Terphenyl-d14	20.062	244	794124	78.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.531	88	11841	18.614	ng		93
3) Pyridine	3.936	79	23468m	15.106	ng		
4) n-Nitrosodimethylamine	3.848	42	17357	22.936	ng		98
6) Aniline	7.408	93	59909	29.397	ng		98
8) 2-Chlorophenol	7.655	128	55708	43.953	ng		96
9) Benzaldehyde	7.220	77	53270	45.572	ng		96
10) Phenol	7.279	94	27762	15.427	ng		95
11) bis(2-Chloroethyl)ether	7.496	93	67808	50.522	ng		95
12) 1,3-Dichlorobenzene	7.978	146	66530	44.495	ng		91
13) 1,4-Dichlorobenzene	8.119	146	69575	46.112	ng		95
14) 1,2-Dichlorobenzene	8.442	146	66269	46.772	ng		96
15) Benzyl Alcohol	8.325	79	47443m	30.841	ng		
16) 2,2'-oxybis(1-Chloropr...	8.612	45	111414	51.004	ng		100
17) 2-Methylphenol	8.530	107	43541	35.797	ng		96
18) Hexachloroethane	9.176	117	24939	43.525	ng		96
19) n-Nitroso-di-n-propyla...	8.889	70	67633	51.230	ng		94
20) 3+4-Methylphenols	8.859	107	50993	29.685	ng		97
22) Acetophenone	8.906	105	115123	49.993	ng	#	99
24) Nitrobenzene	9.294	77	101286	52.944	ng		99
25) Isophorone	9.811	82	185264	55.693	ng		99
26) 2-Nitrophenol	10.011	139	37962	48.994	ng		98
27) 2,4-Dimethylphenol	10.063	122	60478	51.865	ng		96
28) bis(2-Chloroethoxy)met...	10.292	93	97831	51.135	ng		97
29) 2,4-Dichlorophenol	10.551	162	70728	50.256	ng		91
30) 1,2,4-Trichlorobenzene	10.762	180	75939	47.492	ng		93
31) Naphthalene	10.950	128	206342	48.211	ng		98
32) Benzoic acid	10.228	122	24621m	36.293	ng		
33) 4-Chloroaniline	11.056	127	45562	25.419	ng		94
34) Hexachlorobutadiene	11.232	225	52423	44.213	ng		97
35) Caprolactam	11.855	113	3797m	7.424	ng		
36) 4-Chloro-3-methylphenol	12.172	107	78780	46.797	ng		99
37) 2-Methylnaphthalene	12.548	142	160257	50.173	ng		98
38) 1-Methylnaphthalene	12.766	142	152907	49.066	ng		97
40) 1,2,4,5-Tetrachloroben...	12.918	216	103640	49.044	ng		99
41) Hexachlorocyclopentadiene	12.895	237	86484	98.212	ng		99
43) 2,4,6-Trichlorophenol	13.153	196	69923	50.691	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.230	196	74742	50.911	ng		98
46) 1,1'-Biphenyl	13.547	154	226557	49.577	ng		99
47) 2-Chloronaphthalene	13.594	162	175546	49.031	ng		99
48) 2-Nitroaniline	13.794	65	73384	55.007	ng		98
49) Acenaphthylene	14.434	152	306006	53.561	ng		98
50) Dimethylphthalate	14.158	163	266093	52.232	ng		100
51) 2,6-Dinitrotoluene	14.281	165	56651	54.582	ng		94
52) Acenaphthene	14.775	154	170907	50.196	ng		99
53) 3-Nitroaniline	14.616	138	31352	27.957	ng		99
54) 2,4-Dinitrophenol	14.828	184	67378	100.530	ng		95
55) Dibenzofuran	15.110	168	304077	49.721	ng		98
56) 4-Nitrophenol	14.933	139	32482	40.552	ng		95
57) 2,4-Dinitrotoluene	15.074	165	84780	56.353	ng		91
58) Fluorene	15.756	166	255380	52.036	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.339	232	73537	49.369	ng	#	100
60) Diethylphthalate	15.521	149	277530	52.738	ng		98
61) 4-Chlorophenyl-phenyle...	15.744	204	139382	50.896	ng		98
62) 4-Nitroaniline	15.779	138	57888	49.767	ng		96
63) Azobenzene	16.038	77	281434	52.226	ng		99
65) 4,6-Dinitro-2-methylph...	15.844	198	52803	49.219	ng		94
66) n-Nitrosodiphenylamine	15.961	169	229267	48.501	ng		99
67) 4-Bromophenyl-phenylether	16.637	248	102140	48.576	ng		95
68) Hexachlorobenzene	16.772	284	113792	49.414	ng		96
69) Atrazine	16.907	200	106903	53.720	ng		96
70) Pentachlorophenol	17.119	266	118591	94.718	ng		92
71) Phenanthrene	17.500	178	460345	50.285	ng		97
72) Anthracene	17.588	178	471619	52.412	ng		99
73) Carbazole	17.859	167	447368	50.728	ng		99
74) Di-n-butylphthalate	18.405	149	523310	52.762	ng		99
75) Fluoranthene	19.509	202	620921	52.382	ng		100
77) Benzidine	19.680	184	277523	67.921	ng		99
78) Pyrene	19.868	202	619804	50.506	ng		99
80) Butylbenzylphthalate	20.743	149	235673	52.371	ng		97
81) Benzo(a)anthracene	21.718	228	631620	52.238	ng		99
82) 3,3'-Dichlorobenzidine	21.624	252	124291	40.536	ng		96
83) Chrysene	21.789	228	575371	50.950	ng		97
84) Bis(2-ethylhexyl)phtha...	21.607	149	340105	54.757	ng		98
85) Di-n-octyl phthalate	22.828	149	566272	53.916	ng		100
87) Indeno(1,2,3-cd)pyrene	28.785	276	716577	50.705	ng	#	55
88) Benzo(b)fluoranthene	23.974	252	656729	54.679	ng		99
89) Benzo(k)fluoranthene	24.044	252	616583	52.242	ng		98
90) Benzo(a)pyrene	24.867	252	628034	61.434	ng		98
91) Dibenzo(a,h)anthracene	28.826	278	623282	53.524	ng		98
92) Benzo(g,h,i)perylene	29.960	276	626044	54.236	ng		97

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

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