Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
Data File : BG053513.D
Acq On : 10 May 2022 18:18
Operator : CG/JU
Sample : N2763-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

Quant Time: May 11 06:03:35 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	21640	20.000	ng		0.00
21) Naphthalene-d8	10.896	136	88288	20.000	ng		0.00
39) Acenaphthene-d10	14.714	164	67164	20.000	ng		0.00
64) Phenanthrene-d10	17.457	188	173934	20.000	ng		0.00
76) Chrysene-d12	21.740	240	185506	20.000	ng		0.00
86) Perylene-d12	25.018	264	196132	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	79060	62.003	ng		0.00
7) Phenol-d6	7.247	99	73050	37.749	ng		0.00
23) Nitrobenzene-d5	9.251	82	188616	90.942	ng		0.00
42) 2,4,6-Tribromophenol	16.200	330	139823	141.151	ng		0.00
45) 2-Fluorobiphenyl	13.333	172	420184	91.419	ng		0.00
79) Terphenyl-d14	20.060	244	785279	78.842	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	11746	17.557	ng	#	85
3) Pyridine	3.940	79	24178m	14.798	ng		
4) n-Nitrosodimethylamine	3.852	42	15989	20.089	ng		92
6) Aniline	7.406	93	61917	28.888	ng		100
8) 2-Chlorophenol	7.653	128	59183	44.399	ng		98
9) Benzaldehyde	7.218	77	55932m	45.496	ng		
10) Phenol	7.277	94	29357	15.511	ng		96
11) bis(2-Chloroethyl)ether	7.494	93	71039	50.327	ng		95
12) 1,3-Dichlorobenzene	7.976	146	69140m	43.967	ng		
13) 1,4-Dichlorobenzene	8.123	146	71682	45.172	ng		97
14) 1,2-Dichlorobenzene	8.446	146	69704	46.777	ng		96
15) Benzyl Alcohol	8.323	79	50206m	31.032	ng		
16) 2,2'-oxybis(1-Chloropr...	8.610	45	114950	50.036	ng		98
17) 2-Methylphenol	8.528	107	44816	35.034	ng		96
18) Hexachloroethane	9.174	117	25731	42.699	ng		97
19) n-Nitroso-di-n-propyla...	8.886	70	70668	50.897	ng		97
20) 3+4-Methylphenols	8.857	107	55634	30.794	ng		98
22) Acetophenone	8.910	105	120465	49.855	ng		96
24) Nitrobenzene	9.292	77	104146	51.881	ng		95
25) Isophorone	9.815	82	191468	54.854	ng		97
26) 2-Nitrophenol	10.008	139	41104	50.556	ng		93
27) 2,4-Dimethylphenol	10.067	122	62601	51.163	ng		95
28) bis(2-Chloroethoxy)met...	10.290	93	102083	50.851	ng		98
29) 2,4-Dichlorophenol	10.549	162	72977	49.418	ng		90
30) 1,2,4-Trichlorobenzene	10.760	180	78101	46.549	ng		99
31) Naphthalene	10.948	128	215316	47.944	ng		99
32) Benzoic acid	10.238	122	25748m	36.199	ng		
33) 4-Chloroaniline	11.054	127	46642	24.799	ng		97
34) Hexachlorobutadiene	11.236	225	55443	44.563	ng		95
35) Caprolactam	11.859	113	3683m	6.863	ng		
36) 4-Chloro-3-methylphenol	12.176	107	80769	45.725	ng		98
37) 2-Methylnaphthalene	12.546	142	162704	48.546	ng		99
38) 1-Methylnaphthalene	12.764	142	157130m	48.053	ng		
40) 1,2,4,5-Tetrachloroben...	12.916	216	105347	49.760	ng	#	99
41) Hexachlorocyclopentadiene	12.893	237	91146	102.858	ng		98
43) 2,4,6-Trichlorophenol	13.151	196	69961	50.625	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.228	196	74102	50.383	ng		99
46)	1,1'-Biphenyl	13.545	154	230226	50.288	ng		99
47)	2-Chloronaphthalene	13.592	162	181404	50.574	ng		99
48)	2-Nitroaniline	13.792	65	73062	54.665	ng		98
49)	Acenaphthylene	14.438	152	307673	53.754	ng		99
50)	Dimethylphthalate	14.162	163	267949	52.500	ng		100
51)	2,6-Dinitrotoluene	14.279	165	56082	53.935	ng		96
52)	Acenaphthene	14.778	154	175936	51.578	ng		100
53)	3-Nitroaniline	14.614	138	31993	28.476	ng	#	99
54)	2,4-Dinitrophenol	14.825	184	68558	102.006	ng		97
55)	Dibenzofuran	15.107	168	305621	49.882	ng		97
56)	4-Nitrophenol	14.937	139	33977	42.341	ng		87
57)	2,4-Dinitrotoluene	15.072	165	85168	56.507	ng		88
58)	Fluorene	15.760	166	252971	51.451	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.342	232	77124	51.682	ng		99
60)	Diethylphthalate	15.519	149	278844	52.890	ng		98
61)	4-Chlorophenyl-phenyle...	15.742	204	141229	51.476	ng		98
62)	4-Nitroaniline	15.777	138	58142	49.894	ng		97
63)	Azobenzene	16.036	77	277612	51.422	ng		98
65)	4,6-Dinitro-2-methylph...	15.842	198	53364	51.488	ng		98
66)	n-Nitrosodiphenylamine	15.959	169	229892	50.341	ng		100
67)	4-Bromophenyl-phenylether	16.641	248	102905	50.658	ng		96
68)	Hexachlorobenzene	16.770	284	114286	51.371	ng		97
69)	Atrazine	16.905	200	106393	55.341	ng		96
70)	Pentachlorophenol	17.116	266	117745	97.216	ng		97
71)	Phenanthrene	17.498	178	461115	52.138	ng		99
72)	Anthracene	17.592	178	464375	53.419	ng		99
73)	Carbazole	17.857	167	442092	51.890	ng		100
74)	Di-n-butylphthalate	18.403	149	515960	53.847	ng		100
75)	Fluoranthene	19.507	202	618449	54.005	ng		99
77)	Benzidine	19.678	184	261798	65.477	ng		100
78)	Pyrene	19.872	202	618707	51.521	ng		99
80)	Butylbenzylphthalate	20.741	149	233977	53.134	ng		96
81)	Benzo(a)anthracene	21.716	228	613308	51.835	ng		99
82)	3,3'-Dichlorobenzidine	21.628	252	125992	41.991	ng		98
83)	Chrysene	21.787	228	558904	50.577	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.605	149	329206	54.164	ng		99
85)	Di-n-octyl phthalate	22.832	149	552836	53.790	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.777	276	694683	50.855	ng	#	98
88)	Benzo(b)fluoranthene	23.972	252	639775	55.108	ng		99
89)	Benzo(k)fluoranthene	24.042	252	604567	52.995	ng		99
90)	Benzo(a)pyrene	24.865	252	608235	61.554	ng		99
91)	Dibenzo(a,h)anthracene	28.836	278	594923	52.854	ng		99
92)	Benzo(g,h,i)perylene	29.952	276	595762	53.396	ng		97

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

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