Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061322\
Data File : BM035459.D
Acq On : 13 Jun 2022 16:11
Operator : CG/JU
Sample : N3331-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-220(26-28)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/14/2022
Supervised By :Jagrut Upadhyay 06/14/2022

Quant Time: Jun 14 04:29:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 16:05:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	226483	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	934708	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	543563	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1095319	20.000	ng	#	0.00
76) Chrysene-d12	21.397	240	1132797	20.000	ng		0.00
86) Perylene-d12	23.738	264	1230415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	2002709	149.952	ng		0.00
7) Phenol-d6	7.004	99	2687282	145.197	ng		0.00
23) Nitrobenzene-d5	8.981	82	1578020	91.745	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	869983	150.331	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	3453770	90.773	ng		0.00
79) Terphenyl-d14	19.833	244	5005356	84.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	243400	47.781	ng		95
3) Pyridine	3.704	79	666344	46.771	ng		95
4) n-Nitrosodimethylamine	3.616	42	388312	59.051	ng		84
6) Aniline	7.145	93	1149837	57.477	ng		100
8) 2-Chlorophenol	7.387	128	872703	56.923	ng		98
9) Benzaldehyde	6.963	77	431574	46.450	ng		97
10) Phenol	7.034	94	1068061	59.405	ng		93
11) bis(2-Chloroethyl)ether	7.245	93	777834	53.974	ng		100
12) 1,3-Dichlorobenzene	7.704	146	873530	53.411	ng		98
13) 1,4-Dichlorobenzene	7.851	146	890821	53.205	ng		100
14) 1,2-Dichlorobenzene	8.169	146	853567	52.232	ng		99
15) Benzyl Alcohol	8.069	79	707753m	57.083	ng		
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1236291	49.394	ng		97
17) 2-Methylphenol	8.281	107	713247	57.809	ng		95
18) Hexachloroethane	8.892	117	319181	53.154	ng		95
19) n-Nitroso-di-n-propyla...	8.633	70	610021	52.437	ng		96
20) 3+4-Methylphenols	8.610	107	972319	56.219	ng		96
22) Acetophenone	8.645	105	1227573	54.224	ng	#	99
24) Nitrobenzene	9.022	77	893943	56.763	ng		99
25) Isophorone	9.557	82	1627201	58.172	ng		97
26) 2-Nitrophenol	9.733	139	463535	57.512	ng		92
27) 2,4-Dimethylphenol	9.804	122	800748	67.799	ng		100
28) bis(2-Chloroethoxy)met...	10.033	93	1026232	52.728	ng		99
29) 2,4-Dichlorophenol	10.280	162	764168	58.061	ng		98
30) 1,2,4-Trichlorobenzene	10.480	180	760752	51.993	ng		99
31) Naphthalene	10.663	128	2514653	53.711	ng		100
32) Benzoic acid	9.998	122	632451	56.457	ng		97
33) 4-Chloroaniline	10.786	127	892686	46.863	ng		98
34) Hexachlorobutadiene	10.951	225	414464	50.334	ng		98
35) Caprolactam	11.598	113	268179m	60.114	ng		
36) 4-Chloro-3-methylphenol	11.927	107	844931	56.626	ng		99
37) 2-Methylnaphthalene	12.280	142	1722484	53.424	ng		98
38) 1-Methylnaphthalene	12.498	142	1658921	52.643	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	799315	52.176	ng		99
41) Hexachlorocyclopentadiene	12.633	237	705686	113.694	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	581067	55.296	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	640322	56.484	ng		97
46) 1,1'-Biphenyl	13.298	154	2231618	52.715	ng		98
47) 2-Chloronaphthalene	13.339	162	1699087	53.367	ng		98
48) 2-Nitroaniline	13.551	65	572145	59.365	ng		98
49) Acenaphthylene	14.180	152	2892513	58.000	ng		99
50) Dimethylphthalate	13.927	163	2127086	53.178	ng		99
51) 2,6-Dinitrotoluene	14.045	165	489553	58.466	ng		94
52) Acenaphthene	14.527	154	1628626	56.064	ng		99
53) 3-Nitroaniline	14.380	138	438952	48.848	ng		97
54) 2,4-Dinitrophenol	14.598	184	555357	103.174	ng		90
55) Dibenzofuran	14.863	168	2554469	54.886	ng		97
56) 4-Nitrophenol	14.710	139	908794	124.741	ng		89
57) 2,4-Dinitrotoluene	14.839	165	667586	62.783	ng		98
58) Fluorene	15.510	166	2066856	56.846	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	519746	57.651	ng		98
60) Diethylphthalate	15.292	149	2178790	55.659	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	954698	54.263	ng		99
62) 4-Nitroaniline	15.545	138	552143	63.488	ng		89
63) Azobenzene	15.798	77	2035357	54.895	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	359560	52.138	ng		94
66) n-Nitrosodiphenylamine	15.721	169	1819269	55.776	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	595946	52.731	ng		98
68) Hexachlorobenzene	16.521	284	667140	53.993	ng		94
69) Atrazine	16.680	200	624281	63.048	ng		99
70) Pentachlorophenol	16.868	266	863685	132.750	ng		99
71) Phenanthrene	17.251	178	3183791	54.769	ng		99
72) Anthracene	17.345	178	3257133	57.425	ng		100
73) Carbazole	17.615	167	3129798	56.909	ng		99
74) Di-n-butylphthalate	18.180	149	3835268	58.305	ng		99
75) Fluoranthene	19.268	202	3732193	61.827	ng		97
77) Benzidine	19.456	184	2459663	118.117	ng		99
78) Pyrene	19.633	202	3865870	48.621	ng		100
80) Butylbenzylphthalate	20.533	149	1825982	51.844	ng		97
81) Benzo(a)anthracene	21.380	228	3887922	55.092	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	1225917	75.456	ng		99
83) Chrysene	21.433	228	3628405	53.229	ng		100
84) Bis(2-ethylhexyl)phtha...	21.309	149	2706949	53.588	ng		100
85) Di-n-octyl phthalate	22.215	149	4834485	58.907	ng		99
87) Indeno(1,2,3-cd)pyrene	26.174	276	4476622	52.666	ng	#	94
88) Benzo(b)fluoranthene	23.027	252	4032636	55.642	ng	#	96
89) Benzo(k)fluoranthene	23.074	252	3998362	54.495	ng	#	97
90) Benzo(a)pyrene	23.638	252	3930463	64.280	ng	#	97
91) Dibenzo(a,h)anthracene	26.179	278	3893463	55.369	ng		97
92) Benzo(g,h,i)perylene	26.909	276	3930313	56.191	ng	#	95

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

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