Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031522\
Data File : BM034246.D
Acq On : 15 Mar 2022 18:59
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 01:44:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 01:41:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	262088	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	1040630	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	626190	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1104833	20.000	ng		0.00
76) Chrysene-d12	21.500	240	863197	20.000	ng		0.00
86) Perylene-d12	23.918	264	848465	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	1712286	116.463	ng		0.00
7) Phenol-d6	7.113	99	2496621	129.316	ng		0.00
23) Nitrobenzene-d5	9.119	82	2578713	133.728	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	953159	125.417	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	5603092	119.213	ng		0.00
79) Terphenyl-d14	19.948	244	5994226	120.922	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	349652	61.856	ng		98
3) Pyridine	3.766	79	1002372	63.121	ng		99
4) n-Nitrosodimethylamine	3.672	42	466610	58.742	ng		99
6) Aniline	7.278	93	1401734	65.707	ng		100
8) 2-Chlorophenol	7.513	128	1005623	61.138	ng		99
9) Benzaldehyde	7.078	77	597207	55.101	ng		99
10) Phenol	7.143	94	1240325	65.316	ng		100
11) bis(2-Chloroethyl)ether	7.372	93	979985	64.676	ng		99
12) 1,3-Dichlorobenzene	7.843	146	1102575	57.027	ng		99
13) 1,4-Dichlorobenzene	7.990	146	1125749	56.966	ng		98
14) 1,2-Dichlorobenzene	8.307	146	1100900	57.079	ng		100
15) Benzyl Alcohol	8.195	79	1002823	67.361	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.490	45	1289902	64.024	ng		99
17) 2-Methylphenol	8.395	107	854607	63.893	ng		98
18) Hexachloroethane	9.043	117	421052	62.256	ng		99
19) n-Nitroso-di-n-propyla...	8.772	70	852397	68.307	ng		98
20) 3+4-Methylphenols	8.731	107	1188086	64.328	ng		98
22) Acetophenone	8.778	105	1599742	63.644	ng	#	99
24) Nitrobenzene	9.160	77	1190239	66.301	ng		98
25) Isophorone	9.695	82	2102316	67.542	ng		99
26) 2-Nitrophenol	9.872	139	571457	67.560	ng		99
27) 2,4-Dimethylphenol	9.937	122	837190	61.262	ng		99
28) bis(2-Chloroethoxy)met...	10.172	93	1336403	63.497	ng		100
29) 2,4-Dichlorophenol	10.413	162	982072	58.122	ng		99
30) 1,2,4-Trichlorobenzene	10.631	180	1077628	54.327	ng		100
31) Naphthalene	10.819	128	3175034	59.386	ng		99
32) Benzoic acid	10.125	122	718126	69.386	ng		99
33) 4-Chloroaniline	10.919	127	1282555	58.589	ng		99
34) Hexachlorobutadiene	11.113	225	685102	54.359	ng		97
35) Caprolactam	11.731	113	308205	90.487	ng		99
36) 4-Chloro-3-methylphenol	12.048	107	1073856	64.545	ng		99
37) 2-Methylnaphthalene	12.425	142	2247478	57.618	ng		99
38) 1-Methylnaphthalene	12.642	142	2181114	57.349	ng		99
40) 1,2,4,5-Tetrachloroben...	12.795	216	1172799	58.582	ng		100
41) Hexachlorocyclopentadiene	12.778	237	738592	63.156	ng		99
43) 2,4,6-Trichlorophenol	13.030	196	814228	64.315	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	861814	67.011	ng	98
46) 1,1'-Biphenyl	13.430	154	2901505	60.646	ng	99
47) 2-Chloronaphthalene	13.472	162	2230399	59.703	ng	98
48) 2-Nitroaniline	13.672	65	695056	78.342	ng	97
49) Acenaphthylene	14.319	152	3444991	61.532	ng	100
50) Dimethylphthalate	14.054	163	2691293	57.971	ng	99
51) 2,6-Dinitrotoluene	14.166	165	571951	62.261	ng	96
52) Acenaphthene	14.660	154	2304522m	62.293	ng	
53) 3-Nitroaniline	14.495	138	580222	63.147	ng	99
54) 2,4-Dinitrophenol	14.695	184	347185	76.317	ng	98
55) Dibenzofuran	14.989	168	3316989	57.401	ng	100
56) 4-Nitrophenol	14.795	139	451594	60.806	ng	99
57) 2,4-Dinitrotoluene	14.948	165	747333	62.559	ng	97
58) Fluorene	15.636	166	2660380	57.270	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.213	232	715633	56.807	ng	99
60) Diethylphthalate	15.413	149	2668933	57.492	ng	99
61) 4-Chlorophenyl-phenyle...	15.630	204	1365989	54.911	ng	99
62) 4-Nitroaniline	15.654	138	546760	57.338	ng	99
63) Azobenzene	15.924	77	2625418	65.105	ng	98
65) 4,6-Dinitro-2-methylph...	15.713	198	467810	72.239	ng	99
66) n-Nitrosodiphenylamine	15.842	169	2220052	64.183	ng	100
67) 4-Bromophenyl-phenylether	16.524	248	803788	64.401	ng	97
68) Hexachlorobenzene	16.642	284	867739	60.341	ng	99
69) Atrazine	16.789	200	636656	55.643	ng	99
70) Pentachlorophenol	16.983	266	551181	63.444	ng	98
71) Phenanthrene	17.371	178	3655112	59.641	ng	99
72) Anthracene	17.465	178	3608273	60.502	ng	99
73) Carbazole	17.730	167	3245281	57.792	ng	100
74) Di-n-butylphthalate	18.301	149	3977327	62.264	ng	99
75) Fluoranthene	19.383	202	3726243	55.342	ng	98
77) Benzidine	19.559	184	802690	49.933	ng	98
78) Pyrene	19.742	202	3782682	63.808	ng	100
80) Butylbenzylphthalate	20.636	149	1571459	69.611	ng	100
81) Benzo(a)anthracene	21.483	228	3254824	57.951	ng	99
82) 3,3'-Dichlorobenzidine	21.418	252	1126131	59.369	ng	99
83) Chrysene	21.536	228	3241020	60.409	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	2241569	65.001	ng	99
85) Di-n-octyl phthalate	22.342	149	3586967	65.628	ng	100
87) Indeno(1,2,3-cd)pyrene	26.447	276	3630551	60.187	ng	99
88) Benzo(b)fluoranthene	23.183	252	3018380	56.767	ng	99
89) Benzo(k)fluoranthene	23.230	252	3140386	59.205	ng	100
90) Benzo(a)pyrene	23.812	252	2585996	59.186	ng	99
91) Dibenzo(a,h)anthracene	26.465	278	2968095	58.507	ng	99
92) Benzo(g,h,i)perylene	27.224	276	3047326	62.006	ng	100

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

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