Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
Data File : BM039446.D
Acq On : 17 Apr 2023 18:28
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 02:58:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 02:48:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	201279	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	898332	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	572589	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1224385	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1090308	20.000	ng		0.00
86) Perylene-d12	23.821	264	1245644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	1469285	119.265	ng		0.00
7) Phenol-d6	7.040	99	2220998	122.673	ng		0.00
23) Nitrobenzene-d5	9.022	82	2240908	122.158	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	896079	120.600	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	4901662	118.446	ng		0.00
79) Terphenyl-d14	19.886	244	7228132	119.597	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	279213	54.861	ng		100
3) Pyridine	3.669	79	908483m	60.628	ng		
4) n-Nitrosodimethylamine	3.581	42	366078	59.928	ng		99
6) Aniline	7.175	93	1412161	61.824	ng		99
8) 2-Chlorophenol	7.410	128	833525	59.660	ng		99
9) Benzaldehyde	6.981	77	470098	50.373	ng		98
10) Phenol	7.063	94	1094634	61.633	ng		100
11) bis(2-Chloroethyl)ether	7.275	93	902477	59.249	ng		97
12) 1,3-Dichlorobenzene	7.728	146	841543	57.807	ng		100
13) 1,4-Dichlorobenzene	7.875	146	848407	58.131	ng		100
14) 1,2-Dichlorobenzene	8.193	146	833528	57.507	ng		99
15) Benzyl Alcohol	8.098	79	814494	61.720	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1248671	58.111	ng		99
17) 2-Methylphenol	8.310	107	794302	60.570	ng		99
18) Hexachloroethane	8.916	117	336680	58.019	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	806225	58.851	ng		98
20) 3+4-Methylphenols	8.645	107	1112545	61.719	ng		98
22) Acetophenone	8.681	105	1434254	60.250	ng	#	98
24) Nitrobenzene	9.063	77	1101513	60.967	ng		99
25) Isophorone	9.587	82	2309786	60.795	ng		100
26) 2-Nitrophenol	9.769	139	525941	64.507	ng		99
27) 2,4-Dimethylphenol	9.845	122	876500	62.207	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1321302	61.182	ng		100
29) 2,4-Dichlorophenol	10.316	162	864761	63.386	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	870771	60.303	ng		99
31) Naphthalene	10.704	128	2890216	59.543	ng		100
32) Benzoic acid	10.057	122	705980	60.305	ng		99
33) 4-Chloroaniline	10.828	127	1311804	63.973	ng		99
34) Hexachlorobutadiene	10.981	225	512522	59.766	ng		99
35) Caprolactam	11.651	113	340262	62.515	ng		96
36) 4-Chloro-3-methylphenol	11.975	107	1035140	62.335	ng		99
37) 2-Methylnaphthalene	12.316	142	2162079	60.611	ng		100
38) 1-Methylnaphthalene	12.539	142	2024396	60.224	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1017008	60.895	ng		100
41) Hexachlorocyclopentadiene	12.657	237	548672	60.575	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	724050	62.931	ng		98

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44) 2,4,5-Trichlorophenol	13.022	196	848622	62.410	ng	99
46) 1,1'-Biphenyl	13.333	154	2643013	59.915	ng	99
47) 2-Chloronaphthalene	13.375	162	1966491	59.967	ng	99
48) 2-Nitroaniline	13.598	65	726292	64.770	ng	97
49) Acenaphthylene	14.222	152	3344954	59.633	ng	100
50) Dimethylphthalate	13.969	163	2778192	59.940	ng	100
51) 2,6-Dinitrotoluene	14.092	165	604382	61.333	ng	99
52) Acenaphthene	14.569	154	1967540	59.242	ng	99
53) 3-Nitroaniline	14.427	138	660924	65.729	ng	100
54) 2,4-Dinitrophenol	14.639	184	364743	60.536	ng	97
55) Dibenzofuran	14.904	168	3158235	59.179	ng	99
56) 4-Nitrophenol	14.763	139	480217	60.147	ng	99
57) 2,4-Dinitrotoluene	14.886	165	843655	62.636	ng	99
58) Fluorene	15.551	166	2542978	58.751	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	683804	61.057	ng	99
60) Diethylphthalate	15.327	149	2858596	59.488	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1275714	59.462	ng	99
62) 4-Nitroaniline	15.598	138	603956	60.769	ng	98
63) Azobenzene	15.839	77	2804963	59.902	ng	100
65) 4,6-Dinitro-2-methylph...	15.651	198	510681	66.610	ng	95
66) n-Nitrosodiphenylamine	15.768	169	2230807	60.096	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	784025	60.831	ng	99
68) Hexachlorobenzene	16.557	284	838744	59.930	ng	96
69) Atrazine	16.721	200	744924	59.818	ng	100
70) Pentachlorophenol	16.910	266	634655	64.938	ng	98
71) Phenanthrene	17.298	178	3954299	59.558	ng	100
72) Anthracene	17.386	178	4080525	59.915	ng	100
73) Carbazole	17.668	167	3750234	60.543	ng	100
74) Di-n-butylphthalate	18.221	149	5232520	60.769	ng	100
75) Fluoranthene	19.315	202	4807204	59.679	ng	100
77) Benzidine	19.509	184	1541491	62.394	ng	100
78) Pyrene	19.680	202	4969090	61.972	ng	99
80) Butylbenzylphthalate	20.580	149	2491338	62.659	ng	94
81) Benzo(a)anthracene	21.433	228	4686709	60.529	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	1543932	60.408	ng	98
83) Chrysene	21.486	228	4521515	60.248	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	3722281	61.414	ng	100
85) Di-n-octyl phthalate	22.268	149	6354821	60.973	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	5555407	60.693	ng	99
88) Benzo(b)fluoranthene	23.103	252	4727493	62.246	ng	99
89) Benzo(k)fluoranthene	23.150	252	4560385	57.434	ng	99
90) Benzo(a)pyrene	23.721	252	4546026	60.226	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	4602662	60.497	ng	99
92) Benzo(g,h,i)perylene	27.062	276	4580074	60.735	ng	99

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

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