Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031822\
Data File : BM034276.D
Acq On : 18 Mar 2022 09:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 18:01:13 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 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	193404	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	830871	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	563779	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1200064	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1241248	20.000	ng		0.00
86) Perylene-d12	23.912	264	1213659	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	844581	78.341	ng		0.00
7) Phenol-d6	7.101	99	1236387	80.099	ng		0.00
23) Nitrobenzene-d5	9.107	82	1332651	78.090	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	618005	81.327	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3148361	76.310	ng		0.00
79) Terphenyl-d14	19.942	244	5192829	72.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	184878	37.903	ng		100
3) Pyridine	3.755	79	517745	39.226	ng		100
4) n-Nitrosodimethylamine	3.666	42	239585	38.228	ng		96
6) Aniline	7.266	93	712125	40.371	ng		99
8) 2-Chlorophenol	7.507	128	494406	39.209	ng		99
9) Benzaldehyde	7.072	77	307789	37.011	ng		97
10) Phenol	7.125	94	611953	39.862	ng		98
11) bis(2-Chloroethyl)ether	7.360	93	485224	38.508	ng		99
12) 1,3-Dichlorobenzene	7.831	146	549393	38.410	ng		98
13) 1,4-Dichlorobenzene	7.978	146	560669	38.289	ng		99
14) 1,2-Dichlorobenzene	8.301	146	551043	38.603	ng		99
15) Benzyl Alcohol	8.184	79	506259	41.213	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.478	45	673330	38.938	ng		99
17) 2-Methylphenol	8.384	107	431106	40.096	ng		99
18) Hexachloroethane	9.037	117	209997	38.883	ng		99
19) n-Nitroso-di-n-propyla...	8.760	70	446101	39.955	ng		99
20) 3+4-Methylphenols	8.719	107	607228	40.836	ng		99
22) Acetophenone	8.766	105	813530	38.154	ng	#	98
24) Nitrobenzene	9.148	77	617032	38.726	ng		98
25) Isophorone	9.678	82	1124429	39.374	ng		98
26) 2-Nitrophenol	9.866	139	284055	40.202	ng		100
27) 2,4-Dimethylphenol	9.925	122	436607	39.462	ng		97
28) bis(2-Chloroethoxy)met...	10.160	93	720918	39.430	ng		100
29) 2,4-Dichlorophenol	10.401	162	512501	39.868	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	555723	38.031	ng		99
31) Naphthalene	10.807	128	1676525	38.731	ng		99
32) Benzoic acid	10.072	122	363335	39.712	ng		97
33) 4-Chloroaniline	10.913	127	694216	40.656	ng		100
34) Hexachlorobutadiene	11.101	225	349229	37.733	ng		98
35) Caprolactam	11.701	113	190184	42.560	ng		93
36) 4-Chloro-3-methylphenol	12.036	107	607601	41.245	ng		99
37) 2-Methylnaphthalene	12.419	142	1224795	39.654	ng		99
38) 1-Methylnaphthalene	12.636	142	1195693	39.574	ng		98
40) 1,2,4,5-Tetrachloroben...	12.783	216	635773	37.368	ng		100
41) Hexachlorocyclopentadiene	12.772	237	376477	38.216	ng		99
43) 2,4,6-Trichlorophenol	13.019	196	458514	39.035	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	495696	39.316	ng	98
46) 1,1'-Biphenyl	13.425	154	1636469	38.068	ng	100
47) 2-Chloronaphthalene	13.466	162	1265169	38.343	ng	98
48) 2-Nitroaniline	13.660	65	419985	41.633	ng	98
49) Acenaphthylene	14.307	152	2019599	39.270	ng	100
50) Dimethylphthalate	14.042	163	1673570	39.002	ng	100
51) 2,6-Dinitrotoluene	14.154	165	359045	40.795	ng	97
52) Acenaphthene	14.648	154	1371367m	39.588	ng	
53) 3-Nitroaniline	14.483	138	376403	42.628	ng	99
54) 2,4-Dinitrophenol	14.683	184	209322	42.450	ng	99
55) Dibenzofuran	14.983	168	2024782	39.222	ng	99
56) 4-Nitrophenol	14.783	139	301479	42.116	ng	98
57) 2,4-Dinitrotoluene	14.942	165	495405	41.642	ng	94
58) Fluorene	15.630	166	1666138	39.755	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	454728	39.996	ng	99
60) Diethylphthalate	15.401	149	1751170	39.779	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	842993	39.398	ng	99
62) 4-Nitroaniline	15.642	138	381026	44.857	ng	99
63) Azobenzene	15.913	77	1709931	40.280	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	317171	40.646	ng	97
66) n-Nitrosodiphenylamine	15.836	169	1457916	38.239	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	526490	38.164	ng	99
68) Hexachlorobenzene	16.636	284	582779	37.874	ng	99
69) Atrazine	16.783	200	504342	40.133	ng	99
70) Pentachlorophenol	16.971	266	393841	40.024	ng	100
71) Phenanthrene	17.366	178	2609851	38.834	ng	100
72) Anthracene	17.460	178	2585231	39.521	ng	99
73) Carbazole	17.724	167	2470507	40.496	ng	100
74) Di-n-butylphthalate	18.289	149	3069673	40.476	ng	99
75) Fluoranthene	19.377	202	3069999	40.749	ng	99
77) Benzidine	19.554	184	761860m	41.884	ng	
78) Pyrene	19.736	202	3186031	36.431	ng	99
80) Butylbenzylphthalate	20.630	149	1444223	39.049	ng	97
81) Benzo(a)anthracene	21.483	228	3068974	39.174	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	1042252	39.831	ng	98
83) Chrysene	21.536	228	3061705	38.270	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	2183220	39.974	ng	98
85) Di-n-octyl phthalate	22.336	149	3624657	41.810	ng	100
87) Indeno(1,2,3-cd)pyrene	26.430	276	2849425	36.497	ng	98
88) Benzo(b)fluoranthene	23.177	252	2871591	39.568	ng	99
89) Benzo(k)fluoranthene	23.224	252	3008336	39.131	ng	100
90) Benzo(a)pyrene	23.806	252	2407203	39.126	ng	99
91) Dibenzo(a,h)anthracene	26.447	278	2329292	36.795	ng	99
92) Benzo(g,h,i)perylene	27.206	276	2315522	35.338	ng	100

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

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