Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034290.D
Acq On : 21 Mar 2022 16:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 22 04:09:41 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 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	158080	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	675995	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	467089	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1014990	20.000	ng		0.00
76) Chrysene-d12	21.494	240	1074704	20.000	ng		0.00
86) Perylene-d12	23.906	264	1027172	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	703357	79.820	ng		0.00
7) Phenol-d6	7.101	99	1002090	79.427	ng		0.00
23) Nitrobenzene-d5	9.107	82	1104040	79.516	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	522340	82.967	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2607688	76.289	ng		0.00
79) Terphenyl-d14	19.942	244	4605867	74.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	157285	39.451	ng		97
3) Pyridine	3.760	79	428612	39.729	ng		97
4) n-Nitrosodimethylamine	3.666	42	213980	41.772	ng		91
6) Aniline	7.266	93	574272	39.831	ng		98
8) 2-Chlorophenol	7.507	128	410535	39.832	ng		99
9) Benzaldehyde	7.072	77	254142	37.389	ng		98
10) Phenol	7.131	94	494738	39.428	ng		96
11) bis(2-Chloroethyl)ether	7.360	93	403153	39.144	ng		98
12) 1,3-Dichlorobenzene	7.837	146	459445	39.299	ng		99
13) 1,4-Dichlorobenzene	7.978	146	467769	39.083	ng		99
14) 1,2-Dichlorobenzene	8.301	146	457558	39.217	ng		99
15) Benzyl Alcohol	8.184	79	413803	41.214	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	580118	41.044	ng		98
17) 2-Methylphenol	8.384	107	352193	40.076	ng		99
18) Hexachloroethane	9.036	117	181309	41.073	ng		98
19) n-Nitroso-di-n-propyla...	8.760	70	364580	39.950	ng		97
20) 3+4-Methylphenols	8.719	107	490648	40.369	ng		98
22) Acetophenone	8.766	105	663237	38.232	ng	#	95
24) Nitrobenzene	9.148	77	512692	39.550	ng		99
25) Isophorone	9.678	82	916936	39.465	ng		98
26) 2-Nitrophenol	9.866	139	232674	40.474	ng		98
27) 2,4-Dimethylphenol	9.925	122	357016	39.661	ng		99
28) bis(2-Chloroethoxy)met...	10.166	93	590727	39.712	ng		99
29) 2,4-Dichlorophenol	10.401	162	422775	40.423	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	463270	38.968	ng		99
31) Naphthalene	10.807	128	1374227	39.021	ng		99
32) Benzoic acid	10.066	122	288583	38.768	ng		94
33) 4-Chloroaniline	10.913	127	566654	40.789	ng		99
34) Hexachlorobutadiene	11.101	225	296696	39.401	ng		97
35) Caprolactam	11.695	113	152129	41.843	ng		97
36) 4-Chloro-3-methylphenol	12.036	107	493974	41.214	ng		99
37) 2-Methylnaphthalene	12.419	142	1002158	39.879	ng		99
38) 1-Methylnaphthalene	12.636	142	982230	39.957	ng		100
40) 1,2,4,5-Tetrachloroben...	12.789	216	530362	37.625	ng		100
41) Hexachlorocyclopentadiene	12.772	237	312969	38.346	ng		100
43) 2,4,6-Trichlorophenol	13.019	196	374510	38.483	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	407284	38.991	ng	99
46) 1,1'-Biphenyl	13.424	154	1356398	38.085	ng	99
47) 2-Chloronaphthalene	13.466	162	1046481	38.280	ng	98
48) 2-Nitroaniline	13.660	65	354350	42.399	ng	95
49) Acenaphthylene	14.307	152	1675343	39.320	ng	100
50) Dimethylphthalate	14.042	163	1397137	39.300	ng	100
51) 2,6-Dinitrotoluene	14.154	165	298519	40.940	ng	97
52) Acenaphthene	14.648	154	1138519m	39.670	ng	
53) 3-Nitroaniline	14.483	138	311451	42.573	ng	98
54) 2,4-Dinitrophenol	14.689	184	176689	43.249	ng	99
55) Dibenzofuran	14.983	168	1694284	39.614	ng	99
56) 4-Nitrophenol	14.783	139	250701	42.272	ng	95
57) 2,4-Dinitrotoluene	14.942	165	417005	42.308	ng	97
58) Fluorene	15.630	166	1412178	40.671	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	385947	40.974	ng	99
60) Diethylphthalate	15.401	149	1505645	41.281	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	709764	40.038	ng	99
62) 4-Nitroaniline	15.642	138	312894	44.461	ng	97
63) Azobenzene	15.912	77	1483468	42.179	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	270547	40.993	ng	95
66) n-Nitrosodiphenylamine	15.836	169	1233649	38.257	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	449769	38.547	ng	96
68) Hexachlorobenzene	16.636	284	500979	38.495	ng	98
69) Atrazine	16.783	200	442660	41.648	ng	99
70) Pentachlorophenol	16.971	266	338044	40.618	ng	99
71) Phenanthrene	17.365	178	2251855	39.616	ng	100
72) Anthracene	17.459	178	2218066	40.091	ng	100
73) Carbazole	17.724	167	2145945	41.590	ng	99
74) Di-n-butylphthalate	18.289	149	2710003	42.249	ng	100
75) Fluoranthene	19.377	202	2685522	42.145	ng	99
77) Benzidine	19.553	184	673742	42.780	ng	100
78) Pyrene	19.736	202	2788673	36.829	ng	100
80) Butylbenzylphthalate	20.630	149	1295537	40.457	ng	98
81) Benzo(a)anthracene	21.483	228	2693826	39.714	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	925326	40.843	ng	99
83) Chrysene	21.536	228	2656632	38.353	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	1945921	41.151	ng	99
85) Di-n-octyl phthalate	22.336	149	3182123	42.393	ng	99
87) Indeno(1,2,3-cd)pyrene	26.429	276	2488952	37.668	ng	98
88) Benzo(b)fluoranthene	23.177	252	2521255	41.048	ng	100
89) Benzo(k)fluoranthene	23.224	252	2574682	39.570	ng	99
90) Benzo(a)pyrene	23.800	252	2085878	40.059	ng	99
91) Dibenzo(a,h)anthracene	26.447	278	2040552	38.086	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2043030	36.841	ng	100

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

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