Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034040.D
Acq On : 22 Feb 2022 15:38
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 16:38:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:00:49 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	274627	20.000	ng		0.00
21) Naphthalene-d8	10.842	136	1105731	20.000	ng	#	0.00
39) Acenaphthene-d10	14.660	164	788995	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1688899	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	1443342	20.000	ng		0.00
86) Perylene-d12	24.024	264	1274963	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	1459155	86.032	ng		0.00
7) Phenol-d6	7.172	99	1989421	96.218	ng		0.00
23) Nitrobenzene-d5	9.189	82	2047830	86.992	ng		0.00
42) 2,4,6-Tribromophenol	16.142	330	1038699	118.927	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	5721812	95.214	ng		0.00
79) Terphenyl-d14	20.012	244	8594078	117.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	267252	38.966	ng		87
3) Pyridine	3.837	79	785802m	38.251	ng		
4) n-Nitrosodimethylamine	3.743	42	389783	52.603	ng	#	75
6) Aniline	7.342	93	1113754	47.595	ng		91
8) 2-Chlorophenol	7.584	128	846165	50.132	ng		84
9) Benzaldehyde	7.148	77	464615	39.236	ng		87
10) Phenol	7.201	94	974456	45.711	ng		90
11) bis(2-Chloroethyl)ether	7.437	93	771771	44.369	ng		90
12) 1,3-Dichlorobenzene	7.913	146	966340	48.000	ng	#	94
13) 1,4-Dichlorobenzene	8.060	146	984160	50.639	ng		93
14) 1,2-Dichlorobenzene	8.378	146	969049	49.552	ng		95
15) Benzyl Alcohol	8.260	79	791738	49.708	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.560	45	1021445	54.494	ng		95
17) 2-Methylphenol	8.460	107	699415	50.287	ng		95
18) Hexachloroethane	9.119	117	346471	47.163	ng		90
19) n-Nitroso-di-n-propyla...	8.836	70	670887	50.287	ng	#	91
20) 3+4-Methylphenols	8.789	107	976742	50.917	ng		93
22) Acetophenone	8.848	105	1313272	47.492	ng	#	91
24) Nitrobenzene	9.231	77	951843	45.264	ng	#	89
25) Isophorone	9.760	82	1702232	49.530	ng	#	95
26) 2-Nitrophenol	9.942	139	482200	54.133	ng	#	78
27) 2,4-Dimethylphenol	10.001	122	728296	46.746	ng		91
28) bis(2-Chloroethoxy)met...	10.242	93	1120972	49.348	ng		98
29) 2,4-Dichlorophenol	10.477	162	923937	56.586	ng		96
30) 1,2,4-Trichlorobenzene	10.701	180	1033577	52.101	ng		97
31) Naphthalene	10.889	128	2801486	48.739	ng		99
32) Benzoic acid	10.148	122	606565	58.413	ng	#	83
33) 4-Chloroaniline	10.989	127	1199400	53.280	ng	#	89
34) Hexachlorobutadiene	11.189	225	657774	52.090	ng		96
35) Caprolactam	11.772	113	208015	45.681	ng	#	66
36) 4-Chloro-3-methylphenol	12.113	107	934826	52.495	ng	#	83
37) 2-Methylnaphthalene	12.495	142	2108129	57.494	ng		97
38) 1-Methylnaphthalene	12.713	142	2058098	56.213	ng		100
40) 1,2,4,5-Tetrachloroben...	12.860	216	1201159	45.668	ng	#	97
41) Hexachlorocyclopentadiene	12.848	237	733002	53.396	ng		98
43) 2,4,6-Trichlorophenol	13.095	196	787586	52.042	ng		99

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44) 2,4,5-Trichlorophenol	13.160	196	788312	46.303	ng	#	91
46) 1,1'-Biphenyl	13.501	154	2940039	48.668	ng		97
47) 2-Chloronaphthalene	13.536	162	2271449	46.845	ng		95
48) 2-Nitroaniline	13.730	65	612982	46.243	ng	#	76
49) Acenaphthylene	14.383	152	3521573	53.097	ng		99
50) Dimethylphthalate	14.118	163	2964744	52.439	ng		98
51) 2,6-Dinitrotoluene	14.224	165	621578	53.017	ng	#	81
52) Acenaphthene	14.724	154	2342012	51.492	ng		99
53) 3-Nitroaniline	14.548	138	631926	53.911	ng		84
54) 2,4-Dinitrophenol	14.754	184	324849	51.948	ng	#	76
55) Dibenzofuran	15.054	168	3618765	55.016	ng		98
56) 4-Nitrophenol	14.848	139	526596	51.700	ng	#	76
57) 2,4-Dinitrotoluene	15.007	165	847382	58.220	ng	#	77
58) Fluorene	15.701	166	2983495	51.542	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.277	232	844020	60.811	ng	#	91
60) Diethylphthalate	15.477	149	3085571	50.966	ng		99
61) 4-Chlorophenyl-phenyle...	15.695	204	1585831	49.817	ng		95
62) 4-Nitroaniline	15.712	138	676651	55.916	ng		84
63) Azobenzene	15.989	77	2620884	46.099	ng		91
65) 4,6-Dinitro-2-methylph...	15.771	198	537505	55.582	ng	#	70
66) n-Nitrosodiphenylamine	15.907	169	2601865	49.469	ng		98
67) 4-Bromophenyl-phenylether	16.589	248	943715	53.124	ng		92
68) Hexachlorobenzene	16.706	284	1092685	49.220	ng	#	90
69) Atrazine	16.854	200	898084	56.506	ng		97
70) Pentachlorophenol	17.042	266	713995	52.298	ng		98
71) Phenanthrene	17.442	178	4608967	47.144	ng		98
72) Anthracene	17.530	178	4543346	47.491	ng		98
73) Carbazole	17.795	167	4312270	44.411	ng		98
74) Di-n-butylphthalate	18.371	149	5245845	50.137	ng		99
75) Fluoranthene	19.448	202	5127545	53.012	ng		97
77) Benzidine	19.618	184	1053058	40.842	ng		100
78) Pyrene	19.806	202	5224469	56.756	ng		98
80) Butylbenzylphthalate	20.706	149	2119567	40.102	ng		87
81) Benzo(a)anthracene	21.547	228	4633983	46.538	ng		97
82) 3,3'-Dichlorobenzidine	21.477	252	1563427	58.472	ng		99
83) Chrysene	21.606	228	4394820	40.599	ng		99
84) Bis(2-ethylhexyl)phtha...	21.489	149	3181436	75.060	ng	#	97
85) Di-n-octyl phthalate	22.436	149	4789807	40.952	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.612	276	4332172	46.718	ng		97
88) Benzo(b)fluoranthene	23.277	252	4007503	46.179	ng		98
89) Benzo(k)fluoranthene	23.330	252	4106216	57.119	ng		98
90) Benzo(a)pyrene	23.918	252	3299426	49.670	ng		99
91) Dibenzo(a,h)anthracene	26.629	278	3650504	47.910	ng		98
92) Benzo(g,h,i)perylene	27.400	276	3498656	45.897	ng		99

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

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