Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017164.D
Acq On : 17 Oct 2018 12:13
Operator : MJ/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
10/18/2018 1:58:29 PM

Quant Time: Oct 17 12:50:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 12:15:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	227480	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	989111	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	581474	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1327697	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1520644	20.00	ng		0.00
87) Perylene-d12	23.47	264	1526947	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1353077	119.50	ng		0.00
7) Phenol-d6	6.86	99	1858332	115.28	ng		0.00
23) Nitrobenzene-d5	8.83	82	1805252	108.71	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	796786	97.33	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4308605	95.92	ng		0.00
79) Terphenyl-d14	19.70	244	6734301	100.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	325521	66.127	ng		88
3) Pyridine	3.65	79	746395	67.143	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	302934	80.577	ng	#	72
6) Aniline	7.02	93	1160425	60.999	ng		97
8) 2-Chlorophenol	7.25	128	789031	52.797	ng		97
9) Benzaldehyde	6.83	77	536484	55.188	ng		94
10) Phenol	6.88	94	989625	58.507	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	784357	57.003	ng		99
12) 1,3-Dichlorobenzene	7.56	146	884553	49.283	ng		96
13) 1,4-Dichlorobenzene	7.71	146	900311	48.924	ng		96
14) 1,2-Dichlorobenzene	8.02	146	871026	48.018	ng		98
15) Benzyl Alcohol	7.92	79	710796	64.056	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	1054302	55.250	ng		99
17) 2-Methylphenol	8.12	107	645279	54.342	ng		97
18) Hexachloroethane	8.74	117	313708	45.343	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	641502	61.822	ng		96
20) 3+4-Methylphenols	8.45	107	906161	55.613	ng		98
22) Acetophenone	8.50	105	1263963	53.593	ng		99
24) Nitrobenzene	8.87	77	938231	55.877	ng		94
25) Isophorone	9.39	82	1475616	59.377	ng		97
26) 2-Nitrophenol	9.57	139	411187	55.602	ng		96
27) 2,4-Dimethylphenol	9.64	122	645973	55.692	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1001230	56.246	ng		99
29) 2,4-Dichlorophenol	10.10	162	759107	54.200	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	854600	48.457	ng		99
31) Naphthalene	10.50	128	2404849	49.393	ng		100
32) Benzoic acid	9.79	122	482779m	59.701	ng		
33) 4-Chloroaniline	10.62	127	1093110	56.103	ng		96
34) Hexachlorobutadiene	10.78	225	537112	47.305	ng		98
35) Caprolactam	11.42	113	277867m	62.806	ng		
36) 4-Chloro-3-methylphenol	11.75	107	855390	58.003	ng		95
37) 2-Methylnaphthalene	12.12	142	1690927	52.175	ng		98
38) 1-Methylnaphthalene	12.34	142	1657973	52.344	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1011774	46.505	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	523286	49.141	ng		98
43) 2,4,6-Trichlorophenol	12.74	196	633884	53.519	ng		98
44) 2,4,5-Trichlorophenol	12.81	196	671678	52.172	ng		97
46) 1,1'-Biphenyl	13.15	154	2582809	48.649	ng		99
47) 2-Chloronaphthalene	13.19	162	1910366	48.293	ng		99
48) 2-Nitroaniline	13.40	65	532971	68.996	ng		98
49) Acenaphthylene	14.04	152	2907928	51.213	ng		99
50) Dimethylphthalate	13.79	163	2279374	51.405	ng		100
51) 2,6-Dinitrotoluene	13.90	165	515074	52.493	ng		98
52) Acenaphthene	14.38	154	1750217	49.141	ng		98
53) 3-Nitroaniline	14.23	138	564193	56.289	ng		92
54) 2,4-Dinitrophenol	14.44	184	260009	57.903	ng		98
55) Dibenzofuran	14.72	168	2867807	47.858	ng		100
56) 4-Nitrophenol	14.55	139	457677	54.398	ng		97
57) 2,4-Dinitrotoluene	14.69	165	698707	52.420	ng	#	97
58) Fluorene	15.37	166	2163199	48.855	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	615350	50.734	ng		98
60) Diethylphthalate	15.16	149	2340621	51.654	ng		99
61) 4-Chlorophenyl-phenylether	15.37	204	1216238	47.355	ng		96
62) 4-Nitroaniline	15.40	138	585844	57.854	ng		98
63) Azobenzene	15.66	77	2248098	52.738	ng		99
65) 4,6-Dinitro-2-methylphenol	15.46	198	417644	55.157	ng		97
66) n-Nitrosodiphenylamine	15.59	169	2070992	52.325	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	769868	51.532	ng		96
68) Hexachlorobenzene	16.37	284	839304	46.659	ng		96
69) Atrazine	16.55	200	749426	58.778	ng		98
70) Pentachlorophenol	16.72	266	605447	50.565	ng		100
71) Phenanthrene	17.11	178	3541704	48.626	ng		100
72) Anthracene	17.20	178	3497897	51.543	ng		99
73) Carbazole	17.47	167	3589425	51.902	ng		100
74) Di-n-butylphthalate	18.04	149	3862387	56.004	ng		100
75) Fluoranthene	19.13	202	4154984	50.856	ng		98
77) Benzidine	19.32	184	2002753	94.388	ng		99
78) Pyrene	19.49	202	4355885	54.489	ng		100
80) Butylbenzylphthalate	20.40	149	1555745	67.765	ng		91
81) Benzo(a)anthracene	21.24	228	4293356	50.054	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	1646608	60.326	ng		98
83) Chrysene	21.30	228	4166241	49.163	ng		99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2423324	61.421	ng		99
85) Di-n-octyl phthalate	22.06	149	4108830	60.722	ng		99
86) Indeno(1,2,3-cd)pyrene	25.70	276	4689107	45.952	ng		99
88) Benzo(b)fluoranthene	22.82	252	4128966	49.052	ng		100
89) Benzo(k)fluoranthene	22.86	252	4292099	50.694	ng		99
90) Benzo(a)pyrene	23.38	252	4012131	49.765	ng		99
91) Dibenzo(a,h)anthracene	25.71	278	3943093	47.275	ng		99
92) Benzo(g,h,i)perylene	26.38	276	3883357	47.187	ng		99

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

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