Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
Data File : BM018564.D
Acq On : 15 Jan 2019 16:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/16/2019 2:07:30 PM

Quant Time: Jan 16 00:11:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	272828	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1241531	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	787240	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	1940727	20.00	ng		0.00
76) Chrysene-d12	21.35	240	2306133	20.00	ng		0.00
87) Perylene-d12	23.63	264	2346263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1124856	76.13	ng		-0.01
7) Phenol-d6	6.93	99	1646137	87.72	ng		0.00
23) Nitrobenzene-d5	8.92	82	1678341	78.37	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	954525	95.23	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	4600065	76.25	ng		0.00
79) Terphenyl-d14	19.79	244	8463121	77.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	215415	35.771	ng		95
3) Pyridine	3.68	79	594503	39.597	ng		96
4) n-Nitrosodimethylamine	3.60	42	251476	40.505	ng	#	95
6) Aniline	7.09	93	990610	47.321	ng		98
8) 2-Chlorophenol	7.32	128	727745	42.172	ng		94
9) Benzaldehyde	6.91	77	434549	40.325	ng		98
10) Phenol	6.96	94	824714	43.247	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	640431	42.740	ng		94
12) 1,3-Dichlorobenzene	7.64	146	799631	38.910	ng		100
13) 1,4-Dichlorobenzene	7.79	146	820390	39.386	ng		99
14) 1,2-Dichlorobenzene	8.10	146	799410	40.475	ng		99
15) Benzyl Alcohol	8.00	79	662301	48.862	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	807781	42.184	ng		94
17) 2-Methylphenol	8.20	107	599051	46.278	ng		99
18) Hexachloroethane	8.82	117	294100	39.600	ng		94
19) n-Nitroso-di-n-propylamine	8.56	70	587049	48.068	ng		92
20) 3+4-Methylphenols	8.53	107	853689	47.773	ng		98
22) Acetophenone	8.58	105	1205786	39.261	ng		98
24) Nitrobenzene	8.96	77	816393	38.742	ng		98
25) Isophorone	9.48	82	1435013	44.249	ng		97
26) 2-Nitrophenol	9.67	139	471197	46.245	ng		95
27) 2,4-Dimethylphenol	9.72	122	641590	42.010	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	916786	40.922	ng		98
29) 2,4-Dichlorophenol	10.20	162	787050	43.278	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	861632	38.172	ng		99
31) Naphthalene	10.60	128	2349349	39.292	ng		99
32) Benzoic acid	9.89	122	551842m	52.899	ng		
33) 4-Chloroaniline	10.72	127	1120546	47.586	ng		99
34) Hexachlorobutadiene	10.86	225	545163	38.229	ng		98
35) Caprolactam	11.53	113	325757	52.686	ng		87
36) 4-Chloro-3-methylphenol	11.84	107	887314	46.507	ng		99
37) 2-Methylnaphthalene	12.21	142	1762283	41.715	ng		100
38) 1-Methylnaphthalene	12.43	142	1719430	42.065	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	1045763	37.987	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	522853	34.606	ng		100
43) 2,4,6-Trichlorophenol	12.83	196	721358	43.150	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	761725	43.324	ng		98
46) 1,1'-Biphenyl	13.23	154	2622974	38.159	ng		99
47) 2-Chloronaphthalene	13.27	162	2034429	38.167	ng		100
48) 2-Nitroaniline	13.49	65	583163	44.469	ng		92
49) Acenaphthylene	14.13	152	3139233	40.413	ng		100
50) Dimethylphthalate	13.87	163	2678141	41.423	ng		100
51) 2,6-Dinitrotoluene	13.99	165	607171	44.335	ng		91
52) Acenaphthene	14.47	154	1883838	39.635	ng		98
53) 3-Nitroaniline	14.33	138	656183	47.526	ng		96
54) 2,4-Dinitrophenol	14.53	184	324089	46.980	ng		93
55) Dibenzofuran	14.80	168	3128693	39.840	ng		99
56) 4-Nitrophenol	14.64	139	548415	45.978	ng		95
57) 2,4-Dinitrotoluene	14.78	165	861326	44.451	ng		99
58) Fluorene	15.45	166	2425153	41.455	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	711859	45.678	ng		96
60) Diethylphthalate	15.23	149	2803560	42.954	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	1368183	40.579	ng		98
62) 4-Nitroaniline	15.50	138	671426	44.584	ng		98
63) Azobenzene	15.74	77	2243811	42.165	ng		95
65) 4,6-Dinitro-2-methylphenol	15.54	198	485713	40.247	ng		90
66) n-Nitrosodiphenylamine	15.67	169	2355362	39.125	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	870397	40.078	ng		98
68) Hexachlorobenzene	16.44	284	960547	39.508	ng		98
69) Atrazine	16.62	200	912482	41.927	ng		99
70) Pentachlorophenol	16.80	266	730020	45.847	ng		98
71) Phenanthrene	17.20	178	4037964	39.117	ng		100
72) Anthracene	17.29	178	4045229	40.752	ng		100
73) Carbazole	17.56	167	4254497	41.718	ng		99
74) Di-n-butylphthalate	18.12	149	5019845	44.937	ng		99
75) Fluoranthene	19.22	202	5043457	42.377	ng		98
77) Benzidine	19.41	184	2433000	42.728	ng		99
78) Pyrene	19.58	202	5321119	38.927	ng		99
80) Butylbenzylphthalate	20.48	149	2490858	42.703	ng		99
81) Benzo(a)anthracene	21.33	228	5401357	39.757	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	2151354	41.876	ng		99
83) Chrysene	21.39	228	5180948	39.491	ng		99
84) Bis(2-ethylhexyl)phthalate	21.25	149	3650264	43.338	ng		99
85) Di-n-octyl phthalate	22.14	149	6287778	44.385	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5642247	37.297	ng		97
88) Benzo(b)fluoranthene	22.94	252	5351688	40.177	ng		98
89) Benzo(k)fluoranthene	22.99	252	5282337	39.350	ng		98
90) Benzo(a)pyrene	23.54	252	5032198	39.461	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	4771410	36.927	ng		98
92) Benzo(g,h,i)perylene	26.67	276	4579266	36.419	ng		97

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

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