Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018716.D
Acq On : 04 Feb 2019 13:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:01 AM

Quant Time: Feb 04 14:41:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	252603	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	994221	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	541066	20.00	ng		-0.02
64) Phenanthrene-d10	17.12	188	1206472	20.00	ng		-0.02
76) Chrysene-d12	21.31	240	1240012	20.00	ng		-0.02
87) Perylene-d12	23.57	264	1236091	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1105408	80.80	ng		-0.02
7) Phenol-d6	6.89	99	1430709	82.34	ng		-0.02
23) Nitrobenzene-d5	8.89	82	1336893	77.95	ng		-0.02
42) 2,4,6-Tribromophenol	15.86	330	569496	82.66	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	3207783	77.36	ng		-0.02
79) Terphenyl-d14	19.75	244	4738773	80.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	208708	37.432	ng		97
3) Pyridine	3.66	79	554800	39.911	ng		96
4) n-Nitrosodimethylamine	3.57	42	229661	39.953	ng	#	93
6) Aniline	7.06	93	828176	42.729	ng		100
8) 2-Chlorophenol	7.28	128	644842	40.360	ng		95
9) Benzaldehyde	6.87	77	352175	33.687	ng		99
10) Phenol	6.92	94	713040	40.384	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	540859	38.985	ng		96
12) 1,3-Dichlorobenzene	7.60	146	739147	38.846	ng		99
13) 1,4-Dichlorobenzene	7.75	146	749202	38.848	ng		99
14) 1,2-Dichlorobenzene	8.07	146	716833	39.200	ng		98
15) Benzyl Alcohol	7.97	79	520600	41.483	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	715840	40.376	ng		98
17) 2-Methylphenol	8.16	107	490685	40.942	ng		99
18) Hexachloroethane	8.78	117	259408	37.725	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	438493	38.779	ng		93
20) 3+4-Methylphenols	8.49	107	672758	40.662	ng		98
22) Acetophenone	8.55	105	938695	38.167	ng	#	98
24) Nitrobenzene	8.93	77	660409	39.136	ng		98
25) Isophorone	9.45	82	1005479	38.716	ng		98
26) 2-Nitrophenol	9.63	139	360435	44.173	ng		97
27) 2,4-Dimethylphenol	9.69	122	484508	39.616	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	695657	38.775	ng		99
29) 2,4-Dichlorophenol	10.16	162	597688	41.041	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	686547	37.981	ng		99
31) Naphthalene	10.56	128	1856238	38.767	ng		99
32) Benzoic acid	9.83	122	384245m	46.844	ng		
33) 4-Chloroaniline	10.68	127	813606	43.146	ng		99
34) Hexachlorobutadiene	10.82	225	423010	37.042	ng		99
35) Caprolactam	11.49	113	198484	40.087	ng		88
36) 4-Chloro-3-methylphenol	11.80	107	612414	40.083	ng		99
37) 2-Methylnaphthalene	12.17	142	1280332	37.846	ng		98
38) 1-Methylnaphthalene	12.40	142	1242252	37.951	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	736061	38.902	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	338343	32.582	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	484084	42.131	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	500572	41.424	ng	99
46) 1,1'-Biphenyl	13.20	154	1832623	38.791	ng	99
47) 2-Chloronaphthalene	13.24	162	1423269	38.850	ng	100
48) 2-Nitroaniline	13.46	65	370883	41.149	ng	91
49) Acenaphthylene	14.09	152	2096776	39.274	ng	100
50) Dimethylphthalate	13.83	163	1690777	38.049	ng	99
51) 2,6-Dinitrotoluene	13.96	165	377926	40.151	ng	92
52) Acenaphthene	14.43	154	1269812	38.872	ng	98
53) 3-Nitroaniline	14.29	138	406291	42.815	ng	96
54) 2,4-Dinitrophenol	14.50	184	166708	36.973	ng	90
55) Dibenzofuran	14.77	168	2045728	37.902	ng	100
56) 4-Nitrophenol	14.60	139	314642	38.381	ng	96
57) 2,4-Dinitrotoluene	14.75	165	518468	38.930	ng	100
58) Fluorene	15.42	166	1542191	38.356	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	430818	40.222	ng	96
60) Diethylphthalate	15.20	149	1694609	37.776	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	868549	37.480	ng	99
62) 4-Nitroaniline	15.46	138	388070	37.492	ng	95
63) Azobenzene	15.71	77	1424884	38.959	ng	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	292131	39.113	ng	89
66) n-Nitrosodiphenylamine	15.63	169	1470339	39.288	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	518984	38.440	ng	99
68) Hexachlorobenzene	16.42	284	576698	38.156	ng	99
69) Atrazine	16.59	200	488542	36.109	ng	99
70) Pentachlorophenol	16.77	266	391662	39.567	ng	98
71) Phenanthrene	17.16	178	2461959	38.365	ng	99
72) Anthracene	17.26	178	2424734	39.293	ng	100
73) Carbazole	17.53	167	2501556	39.458	ng	99
74) Di-n-butylphthalate	18.09	149	2797140	40.278	ng	99
75) Fluoranthene	19.18	202	2828649	38.233	ng	99
77) Benzidine	19.38	184	1087643	35.523	ng	100
78) Pyrene	19.55	202	2955762	40.214	ng	100
80) Butylbenzylphthalate	20.45	149	1292875	41.222	ng	96
81) Benzo(a)anthracene	21.30	228	2814997	38.535	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	1058998	38.336	ng	98
83) Chrysene	21.35	228	2704098	38.333	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	1816500	40.108	ng	99
85) Di-n-octyl phthalate	22.10	149	3076406	40.387	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3070531	37.748	ng	98
88) Benzo(b)fluoranthene	22.89	252	2716939	38.716	ng	99
89) Benzo(k)fluoranthene	22.94	252	2678946	37.880	ng	98
90) Benzo(a)pyrene	23.47	252	2600512	38.708	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	2613209	38.388	ng	99
92) Benzo(g,h,i)perylene	26.58	276	2572440	38.833	ng	97

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

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