Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020053.D
Acq On : 24 Apr 2019 02:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:48 AM

Quant Time: Apr 24 02:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	105872	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	441955	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	249091	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	541350	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	585958	20.00	ng		-0.02
87) Perylene-d12	23.32	264	670708	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	491447	75.23	ng		-0.02
7) Phenol-d6	6.69	99	695948	70.79	ng		-0.02
23) Nitrobenzene-d5	8.66	82	776212	78.54	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	284844	71.04	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1549363	77.52	ng		-0.03
79) Terphenyl-d14	19.57	244	2430150	73.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	119863	42.519	ng		98
3) Pyridine	3.49	79	310972	39.389	ng		98
4) n-Nitrosodimethylamine	3.42	42	98241	38.628	ng	#	89
6) Aniline	6.85	93	436154	34.347	ng		99
8) 2-Chlorophenol	7.06	128	297467	36.611	ng		100
9) Benzaldehyde	6.67	77	262917	47.473	ng		97
10) Phenol	6.72	94	376234	35.025	ng		91
11) bis(2-Chloroethyl)ether	6.94	93	271164	34.502	ng		100
12) 1,3-Dichlorobenzene	7.37	146	328355	38.495	ng		97
13) 1,4-Dichlorobenzene	7.52	146	338722	39.139	ng		99
14) 1,2-Dichlorobenzene	7.83	146	325252	37.903	ng		98
15) Benzyl Alcohol	7.76	79	305453	34.175	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.02	45	236992	31.633	ng		95
17) 2-Methylphenol	7.95	107	240371	33.811	ng		95
18) Hexachloroethane	8.53	117	132751	39.461	ng		99
19) n-Nitroso-di-n-propylamine	8.30	70	270657	31.317	ng		99
20) 3+4-Methylphenols	8.28	107	315248	32.280	ng		98
22) Acetophenone	8.33	105	449178	37.315	ng		99
24) Nitrobenzene	8.70	77	399592	39.032	ng		97
25) Isophorone	9.22	82	659084	34.261	ng		99
26) 2-Nitrophenol	9.41	139	156839	35.950	ng		92
27) 2,4-Dimethylphenol	9.47	122	218946	35.494	ng		98
28) bis(2-Chloroethoxy)methane	9.70	93	380289	35.303	ng		98
29) 2,4-Dichlorophenol	9.94	162	260244	37.147	ng		97
30) 1,2,4-Trichlorobenzene	10.13	180	301765	40.021	ng		99
31) Naphthalene	10.32	128	898672	37.910	ng		99
32) Benzoic acid	9.67	122	145164	27.415	ng		99
33) 4-Chloroaniline	10.47	127	338347	34.647	ng		97
34) Hexachlorobutadiene	10.56	225	190933	42.934	ng		98
35) Caprolactam	11.29	113	82422m	31.081	ng		
36) 4-Chloro-3-methylphenol	11.60	107	296591	34.072	ng		99
37) 2-Methylnaphthalene	11.94	142	622586	36.075	ng		98
38) 1-Methylnaphthalene	12.16	142	612927	35.969	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	314346	40.907	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	102496	43.845	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	195029	37.436	ng	99
44) 2,4,5-Trichlorophenol	12.67	196	190769	35.183	ng	98
46) 1,1'-Biphenyl	12.97	154	822896	38.142	ng	99
47) 2-Chloronaphthalene	13.02	162	629102	38.228	ng	99
48) 2-Nitroaniline	13.27	65	214582	36.175	ng	97
49) Acenaphthylene	13.88	152	1055060	36.848	ng	99
50) Dimethylphthalate	13.63	163	804226	36.603	ng	100
51) 2,6-Dinitrotoluene	13.77	165	172000	35.402	ng	86
52) Acenaphthene	14.22	154	591027	37.228	ng	98
53) 3-Nitroaniline	14.12	138	165727	34.161	ng	98
54) 2,4-Dinitrophenol	14.36	184	88499	35.130	ng	89
55) Dibenzofuran	14.56	168	959173	36.947	ng	97
56) 4-Nitrophenol	14.46	139	99447	29.936	ng	88
57) 2,4-Dinitrotoluene	14.58	165	241992	34.650	ng	94
58) Fluorene	15.22	166	802229	36.468	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	181351	36.655	ng	99
60) Diethylphthalate	15.00	149	826567	36.172	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	396531	37.439	ng	97
62) 4-Nitroaniline	15.30	138	158530	33.167	ng	86
63) Azobenzene	15.51	77	928889	38.033	ng	98
65) 4,6-Dinitro-2-methylphenol	15.35	198	107426	31.102	ng	95
66) n-Nitrosodiphenylamine	15.44	169	655040	37.012	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	233511	37.518	ng	96
68) Hexachlorobenzene	16.22	284	280950	37.620	ng	97
69) Atrazine	16.41	200	206904	34.438	ng	98
70) Pentachlorophenol	16.59	266	159265	41.739	ng	98
71) Phenanthrene	16.97	178	1184669	36.877	ng	99
72) Anthracene	17.06	178	1170865	36.614	ng	100
73) Carbazole	17.35	167	1083397	36.287	ng	100
74) Di-n-butylphthalate	17.89	149	1408510	35.922	ng	99
75) Fluoranthene	19.00	202	1377803	37.268	ng	99
77) Benzidine	19.22	184	686599	42.468	ng	99
78) Pyrene	19.37	202	1438818	37.079	ng	100
80) Butylbenzylphthalate	20.27	149	670579	35.645	ng	100
81) Benzo(a)anthracene	21.13	228	1479533	39.859	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	563236	40.784	ng	98
83) Chrysene	21.18	228	1416854	39.802	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	992034	35.420	ng	99
85) Di-n-octyl phthalate	21.90	149	1754312	38.603	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2055589	58.701	ng	98
88) Benzo(b)fluoranthene	22.67	252	1590202	35.706	ng	99
89) Benzo(k)fluoranthene	22.71	252	1487874	35.487	ng	99
90) Benzo(a)pyrene	23.23	252	1469375	37.236	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1721377	45.245	ng	99
92) Benzo(g,h,i)perylene	26.18	276	1598249	46.380	ng	99

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

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