Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019290.D
Acq On : 21 Mar 2019 14:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2019 3:45:34 PM

Quant Time: Mar 22 04:48:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	188404	20.00	ng		-0.04
21) Naphthalene-d8	10.42	136	918854	20.00	ng		-0.04
39) Acenaphthene-d10	14.29	164	565630	20.00	ng		-0.04
64) Phenanthrene-d10	17.04	188	1265953	20.00	ng		-0.03
76) Chrysene-d12	21.25	240	1131277	20.00	ng		-0.02
87) Perylene-d12	23.47	264	958947	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	834350	71.72	ng		-0.03
7) Phenol-d6	6.81	99	1375892	80.86	ng		-0.04
23) Nitrobenzene-d5	8.80	82	1470362	75.64	ng		-0.03
42) 2,4,6-Tribromophenol	15.79	330	680182	81.45	ng		-0.03
45) 2-Fluorobiphenyl	12.90	172	3366383	77.42	ng		-0.04
79) Terphenyl-d14	19.69	244	5029883	88.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	179673	34.718	ng		100
3) Pyridine	3.60	79	528927	37.566	ng		96
4) n-Nitrosodimethylamine	3.52	42	138208	31.574	ng		99
6) Aniline	6.97	93	868302	39.523	ng		100
8) 2-Chlorophenol	7.20	128	559537	40.024	ng		98
9) Benzaldehyde	6.79	77	392651	36.684	ng		99
10) Phenol	6.84	94	744052	40.572	ng		99
11) bis(2-Chloroethyl)ether	7.07	93	542050	38.735	ng		97
12) 1,3-Dichlorobenzene	7.52	146	563941	38.118	ng		98
13) 1,4-Dichlorobenzene	7.66	146	582759	38.636	ng		99
14) 1,2-Dichlorobenzene	7.97	146	567399	38.665	ng		98
15) Benzyl Alcohol	7.89	79	548951	38.978	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.16	45	532431	37.262	ng		97
17) 2-Methylphenol	8.07	107	487869	40.824	ng		98
18) Hexachloroethane	8.69	117	209592	37.396	ng		95
19) n-Nitroso-di-n-propylamine	8.44	70	560450	40.145	ng		99
20) 3+4-Methylphenols	8.41	107	675124	41.619	ng		98
22) Acetophenone	8.46	105	963117	37.928	ng	#	99
24) Nitrobenzene	8.85	77	761511	37.668	ng		98
25) Isophorone	9.36	82	1424262	38.399	ng		99
26) 2-Nitrophenol	9.55	139	344202	41.075	ng		98
27) 2,4-Dimethylphenol	9.60	122	498544	40.019	ng		96
28) bis(2-Chloroethoxy)methane	9.85	93	837974	38.155	ng		99
29) 2,4-Dichlorophenol	10.07	162	572123	41.466	ng		98
30) 1,2,4-Trichlorobenzene	10.27	180	614577	39.503	ng		100
31) Naphthalene	10.46	128	1840124	37.995	ng		100
32) Benzoic acid	9.79	122	349320m	33.109	ng		
33) 4-Chloroaniline	10.59	127	795546	40.072	ng		99
34) Hexachlorobutadiene	10.72	225	349680	39.167	ng		99
35) Caprolactam	11.42	113	204941m	41.698	ng		
36) 4-Chloro-3-methylphenol	11.72	107	680540	39.975	ng		99
37) 2-Methylnaphthalene	12.09	142	1363955	38.756	ng		98
38) 1-Methylnaphthalene	12.30	142	1341242	38.665	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	715430	39.985	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	292836	36.132	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	474044	40.997	ng		99
44) 2,4,5-Trichlorophenol	12.78	196	508535	41.129	ng		98
46) 1,1'-Biphenyl	13.12	154	1915907	38.786	ng		98
47) 2-Chloronaphthalene	13.16	162	1446793	39.239	ng		99
48) 2-Nitroaniline	13.39	65	474609	38.381	ng		94
49) Acenaphthylene	14.01	152	2426786	38.925	ng		100
50) Dimethylphthalate	13.76	163	1862256	38.487	ng		99
51) 2,6-Dinitrotoluene	13.89	165	415933	39.765	ng		93
52) Acenaphthene	14.35	154	1338127	37.353	ng		98
53) 3-Nitroaniline	14.23	138	411990	37.189	ng		96
54) 2,4-Dinitrophenol	14.44	184	268975	44.279	ng		93
55) Dibenzofuran	14.69	168	2176949	37.681	ng		98
56) 4-Nitrophenol	14.54	139	377289	41.712	ng		94
57) 2,4-Dinitrotoluene	14.68	165	574273	37.822	ng		96
58) Fluorene	15.34	166	1841021	38.660	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	446034	38.749	ng		96
60) Diethylphthalate	15.13	149	1852923	37.810	ng		98
61) 4-Chlorophenyl-phenylether	15.34	204	917253	39.659	ng		97
62) 4-Nitroaniline	15.40	138	400335	35.858	ng		97
63) Azobenzene	15.63	77	1922681	37.285	ng		98
65) 4,6-Dinitro-2-methylphenol	15.44	198	280828	33.852	ng		95
66) n-Nitrosodiphenylamine	15.56	169	1558933	38.680	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	565032	40.474	ng		94
68) Hexachlorobenzene	16.34	284	674494	40.639	ng		97
69) Atrazine	16.52	200	459507	33.869	ng		99
70) Pentachlorophenol	16.69	266	355349	35.536	ng		98
71) Phenanthrene	17.09	178	2755545	37.136	ng		99
72) Anthracene	17.18	178	2792728	38.446	ng		100
73) Carbazole	17.46	167	2504438	36.529	ng		99
74) Di-n-butylphthalate	18.02	149	3093575	37.314	ng		99
75) Fluoranthene	19.12	202	3061253	35.954	ng		98
77) Benzidine	19.32	184	1207128	37.624	ng		99
78) Pyrene	19.48	202	3086816	43.126	ng		99
80) Butylbenzylphthalate	20.39	149	1385901	44.454	ng		98
81) Benzo(a)anthracene	21.23	228	2694254	37.962	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	1020901	37.340	ng		100
83) Chrysene	21.29	228	2542921	37.036	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	2051636	45.234	ng	#	97
85) Di-n-octyl phthalate	22.03	149	3176315	41.589	ng		99
86) Indeno(1,2,3-cd)pyrene	25.73	276	2499331	33.815	ng		99
88) Benzo(b)fluoranthene	22.80	252	2368432	38.116	ng		100
89) Benzo(k)fluoranthene	22.85	252	2242235	39.232	ng		99
90) Benzo(a)pyrene	23.38	252	2123507	38.028	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	2123613	39.755	ng		100
92) Benzo(g,h,i)perylene	26.42	276	2023077	41.252	ng		98

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

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