Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019144.D
Acq On : 13 Mar 2019 14:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/14/2019 3:37:56 PM

Quant Time: Mar 14 07:02:34 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	7.66	152	169196	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	818910	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	514240	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1185192	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1324971	20.00	ng	0.00
87) Perylene-d12	23.50	264	1253618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	825580	79.02	ng	0.00
7) Phenol-d6	6.84	99	1295109	84.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1377389	79.51	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	642581	84.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3041486	76.93	ng	0.00
79) Terphenyl-d14	19.71	244	5255284	78.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	164258	35.342	ng	98
3) Pyridine	3.62	79	525195	41.536	ng	98
4) n-Nitrosodimethylamine	3.54	42	143007	36.380	ng	94
6) Aniline	7.00	93	799041	40.499	ng	99
8) 2-Chlorophenol	7.23	128	507765	40.444	ng	99
9) Benzaldehyde	6.82	77	391663	40.746	ng	100
10) Phenol	6.87	94	700587	42.539	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	495072	39.394	ng	99
12) 1,3-Dichlorobenzene	7.55	146	515488	38.798	ng	100
13) 1,4-Dichlorobenzene	7.69	146	522675	38.587	ng	100
14) 1,2-Dichlorobenzene	8.00	146	513900	38.995	ng	99
15) Benzyl Alcohol	7.92	79	529848	41.893	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	508367	39.617	ng	99
17) 2-Methylphenol	8.10	107	455928	42.482	ng	98
18) Hexachloroethane	8.72	117	196924	39.124	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	523499	41.756	ng	99
20) 3+4-Methylphenols	8.43	107	639293	43.884	ng	99
22) Acetophenone	8.49	105	896096	39.596	ng	99
24) Nitrobenzene	8.87	77	720443	39.986	ng	99
25) Isophorone	9.39	82	1338812	40.500	ng	100
26) 2-Nitrophenol	9.57	139	312046	41.783	ng	99
27) 2,4-Dimethylphenol	9.63	122	457110	41.171	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	783606	40.034	ng	99
29) 2,4-Dichlorophenol	10.10	162	528432	42.974	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	538391	38.830	ng	99
31) Naphthalene	10.49	128	1687122	39.088	ng	100
32) Benzoic acid	9.80	122	410378m	43.643	ng	
33) 4-Chloroaniline	10.62	127	751727	42.486	ng	98
34) Hexachlorobutadiene	10.76	225	302189	37.978	ng	99
35) Caprolactam	11.45	113	197782m	45.153	ng	
36) 4-Chloro-3-methylphenol	11.75	107	665009	43.830	ng	99
37) 2-Methylnaphthalene	12.12	142	1256342	40.055	ng	100
38) 1-Methylnaphthalene	12.33	142	1245578	40.290	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	623463	38.328	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	254221	34.502	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	432978	41.188	ng	100
44) 2,4,5-Trichlorophenol	12.81	196	483797m	43.038	ng	
46) 1,1'-Biphenyl	13.14	154	1745823	38.874	ng	99
47) 2-Chloronaphthalene	13.18	162	1315593	39.246	ng	99
48) 2-Nitroaniline	13.41	65	481560	42.835	ng	100
49) Acenaphthylene	14.03	152	2268811	40.028	ng	99
50) Dimethylphthalate	13.79	163	1746259	39.696	ng	99
51) 2,6-Dinitrotoluene	13.91	165	396509	41.696	ng	99
52) Acenaphthene	14.38	154	1271430	39.038	ng	99
53) 3-Nitroaniline	14.25	138	412137	40.920	ng	99
54) 2,4-Dinitrophenol	14.46	184	193499	35.037	ng	100
55) Dibenzofuran	14.72	168	2086608	39.727	ng	99
56) 4-Nitrophenol	14.56	139	331905	40.362	ng	97
57) 2,4-Dinitrotoluene	14.70	165	559261	40.515	ng	99
58) Fluorene	15.37	166	1742411	40.246	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	436774	41.737	ng	99
60) Diethylphthalate	15.15	149	1799644	40.393	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	839320	39.916	ng	98
62) 4-Nitroaniline	15.42	138	426148	41.984	ng	99
63) Azobenzene	15.66	77	1928660	41.138	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	271074	34.903	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1493239	39.574	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	519669	39.761	ng	98
68) Hexachlorobenzene	16.36	284	615928	39.639	ng	99
69) Atrazine	16.54	200	518280	40.804	ng	99
70) Pentachlorophenol	16.72	266	362606	38.733	ng	99
71) Phenanthrene	17.11	178	2735496	39.378	ng	100
72) Anthracene	17.20	178	2709964	39.848	ng	99
73) Carbazole	17.49	167	2588933	40.334	ng	100
74) Di-n-butylphthalate	18.03	149	3155379	40.653	ng	100
75) Fluoranthene	19.13	202	3168394	39.748	ng	99
77) Benzidine	19.34	184	1998435	53.182	ng	100
78) Pyrene	19.50	202	3277806	39.100	ng	99
80) Butylbenzylphthalate	20.40	149	1503159	41.167	ng	97
81) Benzo(a)anthracene	21.25	228	3268018	39.315	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1298144	40.539	ng	98
83) Chrysene	21.30	228	3141083	39.060	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2234204	42.058	ng	98
85) Di-n-octyl phthalate	22.05	149	3820127	42.707	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3210439	37.086	ng	100
88) Benzo(b)fluoranthene	22.83	252	3313124	40.786	ng	100
89) Benzo(k)fluoranthene	22.87	252	2923864	39.134	ng	100
90) Benzo(a)pyrene	23.41	252	2895251	39.661	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2718331	38.927	ng	99
92) Benzo(g,h,i)perylene	26.47	276	2461465	38.393	ng	99

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

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