Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019197.D
Acq On : 15 Mar 2019 21:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:39 PM

Quant Time: Mar 16 02:41:07 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	7.65	152	221071	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1063687	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	638335	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1380636	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	1283989	20.00	ng		0.00
87) Perylene-d12	23.50	264	1077571	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1130025	82.78	ng		0.00
7) Phenol-d6	6.84	99	1757844	88.04	ng		0.00
23) Nitrobenzene-d5	8.83	82	1865728	82.91	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	804457	85.36	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	4023105	81.98	ng		-0.01
79) Terphenyl-d14	19.70	244	6169451	95.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	218597	35.997	ng		99
3) Pyridine	3.62	79	709332	42.935	ng		98
4) n-Nitrosodimethylamine	3.54	42	193235	37.622	ng		99
6) Aniline	7.00	93	1083911	42.046	ng		100
8) 2-Chlorophenol	7.22	128	706456	43.066	ng		98
9) Benzaldehyde	6.82	77	523780	41.704	ng		99
10) Phenol	6.86	94	948112	44.060	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	679433	41.378	ng		98
12) 1,3-Dichlorobenzene	7.54	146	723640	41.685	ng		99
13) 1,4-Dichlorobenzene	7.69	146	733758	41.459	ng		98
14) 1,2-Dichlorobenzene	8.00	146	724072	42.050	ng		99
15) Benzyl Alcohol	7.91	79	716397	43.351	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	677136	40.387	ng		99
17) 2-Methylphenol	8.10	107	616774	43.984	ng		99
18) Hexachloroethane	8.71	117	275821	41.940	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	682246	41.648	ng		99
20) 3+4-Methylphenols	8.43	107	850902	44.704	ng		99
22) Acetophenone	8.49	105	1188984	40.447	ng	#	99
24) Nitrobenzene	8.87	77	962453	41.126	ng		99
25) Isophorone	9.39	82	1736125	40.433	ng		100
26) 2-Nitrophenol	9.57	139	425905	43.905	ng		100
27) 2,4-Dimethylphenol	9.63	122	609606	42.271	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	1027105	40.398	ng		100
29) 2,4-Dichlorophenol	10.09	162	718519	44.986	ng		100
30) 1,2,4-Trichlorobenzene	10.30	180	751368	41.720	ng		99
31) Naphthalene	10.49	128	2302499	41.069	ng		99
32) Benzoic acid	9.82	122	428445	35.079	ng		99
33) 4-Chloroaniline	10.62	127	981712	42.716	ng		99
34) Hexachlorobutadiene	10.75	225	426670	41.283	ng		99
35) Caprolactam	11.45	113	249497m	43.851	ng		
36) 4-Chloro-3-methylphenol	11.75	107	852383	43.251	ng		99
37) 2-Methylnaphthalene	12.11	142	1682751	41.304	ng		99
38) 1-Methylnaphthalene	12.33	142	1649118	41.067	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	848428	42.018	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	306437	33.504	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	566876	43.442	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	601038	43.074	ng	99
46) 1,1'-Biphenyl	13.13	154	2277746	40.859	ng	99
47) 2-Chloronaphthalene	13.18	162	1732678	41.640	ng	100
48) 2-Nitroaniline	13.41	65	606148	43.435	ng	97
49) Acenaphthylene	14.03	152	2901978	41.246	ng	100
50) Dimethylphthalate	13.78	163	2170693	39.751	ng	99
51) 2,6-Dinitrotoluene	13.91	165	492117	41.689	ng	97
52) Acenaphthene	14.37	154	1646109	40.717	ng	100
53) 3-Nitroaniline	14.24	138	505655	40.445	ng	98
54) 2,4-Dinitrophenol	14.46	184	266817	38.921	ng	97
55) Dibenzofuran	14.71	168	2679376	41.096	ng	99
56) 4-Nitrophenol	14.56	139	384684	37.686	ng	99
57) 2,4-Dinitrotoluene	14.70	165	699143	40.802	ng	99
58) Fluorene	15.36	166	2210406	41.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	536069	41.267	ng	99
60) Diethylphthalate	15.14	149	2220181	40.144	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1081484	41.434	ng	99
62) 4-Nitroaniline	15.42	138	506590	40.207	ng	98
63) Azobenzene	15.66	77	2418960	41.566	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	293862	32.481	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1863938	42.406	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	657897	43.212	ng	96
68) Hexachlorobenzene	16.36	284	773658	42.742	ng	99
69) Atrazine	16.54	200	591702	39.990	ng	100
70) Pentachlorophenol	16.72	266	434359	39.829	ng	100
71) Phenanthrene	17.11	178	3332000	41.174	ng	100
72) Anthracene	17.20	178	3327887	42.007	ng	99
73) Carbazole	17.48	167	3101058	41.474	ng	99
74) Di-n-butylphthalate	18.03	149	3860985	42.702	ng	100
75) Fluoranthene	19.13	202	3750074	40.385	ng	100
77) Benzidine	19.34	184	1813024	49.788	ng	100
78) Pyrene	19.50	202	3835635	47.214	ng	100
80) Butylbenzylphthalate	20.40	149	1787225	50.509	ng	97
81) Benzo(a)anthracene	21.25	228	3359914	41.711	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1282604	41.332	ng	99
83) Chrysene	21.30	228	3216159	41.270	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2638860	51.262	ng	98
85) Di-n-octyl phthalate	22.05	149	4232358	48.825	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3056496	36.435	ng	100
88) Benzo(b)fluoranthene	22.83	252	2953605	42.301	ng	99
89) Benzo(k)fluoranthene	22.87	252	2715461	42.282	ng	99
90) Benzo(a)pyrene	23.40	252	2609400	41.585	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2569586	42.809	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2410692	43.744	ng	99

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

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