Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018331.D
Acq On : 20 Dec 2018 15:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/21/2018 2:49:40 PM

Quant Time: Dec 21 08:25:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	105340	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	439902	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	242140	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	471760	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	448624	20.00	ng		-0.01
87) Perylene-d12	23.29	264	441098	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	536343	85.05	ng		-0.01
7) Phenol-d6	6.69	99	744941	84.99	ng		-0.02
23) Nitrobenzene-d5	8.64	82	792574	92.42	ng		-0.02
42) 2,4,6-Tribromophenol	15.65	330	263286	74.08	ng		-0.02
45) 2-Fluorobiphenyl	12.75	172	1590159	85.06	ng		-0.02
79) Terphenyl-d14	19.56	244	1721602	86.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	115635	46.291	ng		96
3) Pyridine	3.50	79	334883	45.570	ng		98
4) n-Nitrosodimethylamine	3.43	42	120559	47.662	ng		98
6) Aniline	6.83	93	457337	41.594	ng		98
8) 2-Chlorophenol	7.06	128	303231	40.699	ng		96
9) Benzaldehyde	6.65	77	222701	41.685	ng		96
10) Phenol	6.71	94	394381	42.487	ng		97
11) bis(2-Chloroethyl)ether	6.93	93	304380	41.260	ng		98
12) 1,3-Dichlorobenzene	7.37	146	337212	40.531	ng		97
13) 1,4-Dichlorobenzene	7.52	146	346547	41.019	ng		99
14) 1,2-Dichlorobenzene	7.82	146	334087	41.020	ng		97
15) Benzyl Alcohol	7.74	79	303287	42.466	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.02	45	247475	37.277	ng		91
17) 2-Methylphenol	7.94	107	258182	41.656	ng		96
18) Hexachloroethane	8.53	117	131607	42.500	ng		97
19) n-Nitroso-di-n-propylamine	8.29	70	281411	43.001	ng		96
20) 3+4-Methylphenols	8.27	107	349626	40.257	ng		97
22) Acetophenone	8.31	105	491744	42.241	ng	#	99
24) Nitrobenzene	8.69	77	390498	45.570	ng		95
25) Isophorone	9.20	82	608269	42.601	ng		97
26) 2-Nitrophenol	9.39	139	174303	41.471	ng		93
27) 2,4-Dimethylphenol	9.45	122	243269	40.161	ng		95
28) bis(2-Chloroethoxy)methane	9.69	93	393010	42.227	ng		99
29) 2,4-Dichlorophenol	9.92	162	285918	42.572	ng		97
30) 1,2,4-Trichlorobenzene	10.12	180	318881	41.742	ng		94
31) Naphthalene	10.30	128	881066	40.961	ng		99
32) Benzoic acid	9.63	122	191572m	33.399	ng		
33) 4-Chloroaniline	10.43	127	383900	40.744	ng		97
34) Hexachlorobutadiene	10.56	225	210781	43.626	ng		98
35) Caprolactam	11.25	113	94713m	37.010	ng		
36) 4-Chloro-3-methylphenol	11.57	107	319619	39.606	ng		95
37) 2-Methylnaphthalene	11.92	142	602043	39.688	ng		98
38) 1-Methylnaphthalene	12.15	142	593218	40.077	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	361946	43.469	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	119918	37.652	ng		99
43) 2,4,6-Trichlorophenol	12.56	196	224235	41.870	ng		98
44) 2,4,5-Trichlorophenol	12.64	196	228879	40.257	ng		97
46) 1,1'-Biphenyl	12.96	154	903929	41.496	ng		99
47) 2-Chloronaphthalene	13.00	162	671562	41.885	ng		97
48) 2-Nitroaniline	13.23	65	215588	43.650	ng		90
49) Acenaphthylene	13.86	152	988388	40.907	ng		99
50) Dimethylphthalate	13.62	163	786056	39.048	ng		99
51) 2,6-Dinitrotoluene	13.74	165	176235	39.824	ng		91
52) Acenaphthene	14.21	154	594960	40.292	ng		100
53) 3-Nitroaniline	14.08	138	177059	38.019	ng		97
54) 2,4-Dinitrophenol	14.30	184	97817	40.070	ng	#	84
55) Dibenzofuran	14.54	168	953591	40.191	ng		98
56) 4-Nitrophenol	14.42	139	114412m	32.403	ng		
57) 2,4-Dinitrotoluene	14.55	165	235706	38.533	ng		90
58) Fluorene	15.20	166	720858	39.337	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	193735m	37.836	ng		
60) Diethylphthalate	14.99	149	822561	37.863	ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	413113	39.861	ng		97
62) 4-Nitroaniline	15.26	138	157120	35.556	ng		84
63) Azobenzene	15.50	77	855369	43.181	ng		98
65) 4,6-Dinitro-2-methylphenol	15.32	198	129454	37.275	ng		97
66) n-Nitrosodiphenylamine	15.43	169	668612	42.859	ng		98
67) 4-Bromophenyl-phenylether	16.10	248	246161	43.085	ng		95
68) Hexachlorobenzene	16.21	284	267977	42.813	ng		98
69) Atrazine	16.40	200	204357	38.803	ng		97
70) Pentachlorophenol	16.56	266	158103	38.246	ng		99
71) Phenanthrene	16.94	178	1051286	41.026	ng		100
72) Anthracene	17.04	178	1040678	40.937	ng		100
73) Carbazole	17.32	167	1015911	38.934	ng		100
74) Di-n-butylphthalate	17.89	149	1237954	38.452	ng		99
75) Fluoranthene	18.98	202	1114480	37.408	ng		99
77) Benzidine	19.19	184	409027	35.954	ng		99
78) Pyrene	19.34	202	1155148	43.213	ng		99
80) Butylbenzylphthalate	20.27	149	500749	39.377	ng		95
81) Benzo(a)anthracene	21.12	228	1054086	40.222	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	415517	39.688	ng		98
83) Chrysene	21.17	228	1000692	39.700	ng		100
84) Bis(2-ethylhexyl)phthalate	21.06	149	743376	39.223	ng		99
85) Di-n-octyl phthalate	21.92	149	1192706	38.425	ng		99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1195560	47.615	ng		98
88) Benzo(b)fluoranthene	22.65	252	1021631	41.232	ng		99
89) Benzo(k)fluoranthene	22.69	252	976097	39.557	ng		99
90) Benzo(a)pyrene	23.20	252	975781	41.407	ng		98
91) Dibenzo(a,h)anthracene	25.43	278	1029511	47.161	ng		98
92) Benzo(g,h,i)perylene	26.07	276	990103m	47.982	ng		

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

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