Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
Data File : BM019932.D
Acq On : 16 Apr 2019 15:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/17/2019 4:05:19 PM

Quant Time: Apr 16 17:10:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	138339	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	653721	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	394347	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	865735	20.00	ng		0.00
76) Chrysene-d12	21.18	240	786449	20.00	ng		0.00
87) Perylene-d12	23.38	264	735818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	653080	76.51	ng		0.00
7) Phenol-d6	6.73	99	984140	76.61	ng		0.00
23) Nitrobenzene-d5	8.70	82	1110588	75.98	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	466495	73.49	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2399273	75.82	ng		0.00
79) Terphenyl-d14	19.61	244	3576234	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	144870	39.329	ng		99
3) Pyridine	3.52	79	374437	36.297	ng		99
4) n-Nitrosodimethylamine	3.44	42	131347	39.524	ng	#	96
6) Aniline	6.88	93	627122	37.795	ng		99
8) 2-Chlorophenol	7.10	128	404104	38.063	ng		99
9) Benzaldehyde	6.70	77	295512	38.682	ng		98
10) Phenol	6.75	94	536462	38.221	ng		97
11) bis(2-Chloroethyl)ether	6.98	93	395425	38.505	ng		99
12) 1,3-Dichlorobenzene	7.42	146	426734	38.287	ng		98
13) 1,4-Dichlorobenzene	7.56	146	431294	38.139	ng		99
14) 1,2-Dichlorobenzene	7.87	146	425458	37.944	ng		99
15) Benzyl Alcohol	7.79	79	439267	37.612	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	372542	38.055	ng		100
17) 2-Methylphenol	7.99	107	347880	37.449	ng		98
18) Hexachloroethane	8.57	117	165911	37.744	ng		97
19) n-Nitroso-di-n-propylamine	8.35	70	428846	37.976	ng		99
20) 3+4-Methylphenols	8.32	107	481698	37.748	ng		99
22) Acetophenone	8.37	105	676427	37.990	ng		99
24) Nitrobenzene	8.75	77	580117	38.310	ng		98
25) Isophorone	9.26	82	1056760	37.138	ng		99
26) 2-Nitrophenol	9.45	139	243223	37.691	ng		99
27) 2,4-Dimethylphenol	9.50	122	344618	37.770	ng		99
28) bis(2-Chloroethoxy)methane	9.75	93	605482	38.000	ng		100
29) 2,4-Dichlorophenol	9.97	162	395691	38.185	ng		98
30) 1,2,4-Trichlorobenzene	10.17	180	422066	37.843	ng		99
31) Naphthalene	10.36	128	1320390	37.657	ng		99
32) Benzoic acid	9.72	122	311806m	37.517	ng		
33) 4-Chloroaniline	10.50	127	548234	37.954	ng		99
34) Hexachlorobutadiene	10.61	225	247577	37.638	ng		100
35) Caprolactam	11.33	113	145528m	37.101	ng		
36) 4-Chloro-3-methylphenol	11.63	107	485857	37.734	ng		100
37) 2-Methylnaphthalene	11.98	142	961078	37.649	ng		99
38) 1-Methylnaphthalene	12.20	142	943198	37.421	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	458994	37.729	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	125645	36.583	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	311101	37.719	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	323818	37.722	ng	98
46) 1,1'-Biphenyl	13.02	154	1296756	37.966	ng	100
47) 2-Chloronaphthalene	13.06	162	988019	37.923	ng	99
48) 2-Nitroaniline	13.31	65	354206	37.718	ng	98
49) Acenaphthylene	13.92	152	1698314	37.466	ng	99
50) Dimethylphthalate	13.67	163	1307123	37.578	ng	99
51) 2,6-Dinitrotoluene	13.81	165	288220	37.471	ng	90
52) Acenaphthene	14.26	154	942202	37.487	ng	99
53) 3-Nitroaniline	14.15	138	287673	37.456	ng	99
54) 2,4-Dinitrophenol	14.38	184	176851	42.382	ng	99
55) Dibenzofuran	14.60	168	1530411	37.236	ng	100
56) 4-Nitrophenol	14.48	139	200186	36.473	ng	98
57) 2,4-Dinitrotoluene	14.62	165	405367	36.664	ng	98
58) Fluorene	15.26	166	1296531	37.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	292750	37.376	ng	99
60) Diethylphthalate	15.04	149	1364881	37.728	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	627187	37.404	ng	96
62) 4-Nitroaniline	15.33	138	277416	36.661	ng	98
63) Azobenzene	15.55	77	1479788	38.271	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	202643	36.686	ng	99
66) n-Nitrosodiphenylamine	15.48	169	1067075	37.702	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	374745	37.650	ng	97
68) Hexachlorobenzene	16.26	284	446409	37.378	ng	98
69) Atrazine	16.44	200	336055	34.976	ng	99
70) Pentachlorophenol	16.62	266	223507	36.627	ng	99
71) Phenanthrene	17.00	178	1886219	36.715	ng	100
72) Anthracene	17.10	178	1871550	36.596	ng	99
73) Carbazole	17.39	167	1716756	35.955	ng	99
74) Di-n-butylphthalate	17.93	149	2282299	36.397	ng	100
75) Fluoranthene	19.04	202	2059383	34.832	ng	100
77) Benzidine	19.24	184	831447	38.317	ng	99
78) Pyrene	19.40	202	2085549	40.044	ng	99
80) Butylbenzylphthalate	20.31	149	958732	37.970	ng	100
81) Benzo(a)anthracene	21.16	228	1852906	37.192	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	695738	37.535	ng	99
83) Chrysene	21.22	228	1775573	37.164	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1411005	37.536	ng	100
85) Di-n-octyl phthalate	21.95	149	2260888	37.067	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2070793	44.060	ng	100
88) Benzo(b)fluoranthene	22.72	252	1778971	36.410	ng	100
89) Benzo(k)fluoranthene	22.76	252	1699566	36.949	ng	99
90) Benzo(a)pyrene	23.29	252	1630771	37.669	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	1741868	41.732	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1601775	42.369	ng	99

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

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