Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019990.D
Acq On : 20 Apr 2019 03:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/23/2019 8:19:19 AM

Quant Time: Apr 20 06:00:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	102721	20.00	ng		0.00
21) Naphthalene-d8	10.28	136	466370	20.00	ng		0.00
39) Acenaphthene-d10	14.17	164	279038	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	633073	20.00	ng		0.00
76) Chrysene-d12	21.16	240	789976	20.00	ng		0.00
87) Perylene-d12	23.34	264	963988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	517803	81.69	ng		0.00
7) Phenol-d6	6.70	99	764360	80.13	ng		0.00
23) Nitrobenzene-d5	8.68	82	835755	80.14	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	342665	76.29	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	1712124	76.47	ng		0.00
79) Terphenyl-d14	19.59	244	3059567	68.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	112409	41.098	ng		99
3) Pyridine	3.49	79	357628	46.688	ng		99
4) n-Nitrosodimethylamine	3.42	42	110002	44.579	ng	#	95
6) Aniline	6.86	93	479439	38.914	ng		99
8) 2-Chlorophenol	7.07	128	315634	40.039	ng		99
9) Benzaldehyde	6.68	77	232991	41.888	ng		99
10) Phenol	6.73	94	421204	40.415	ng		95
11) bis(2-Chloroethyl)ether	6.96	93	291591	38.240	ng		100
12) 1,3-Dichlorobenzene	7.39	146	332644	40.194	ng		97
13) 1,4-Dichlorobenzene	7.54	146	338376	40.298	ng		99
14) 1,2-Dichlorobenzene	7.85	146	330952	39.750	ng		98
15) Benzyl Alcohol	7.77	79	336081	38.755	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.02	45	265644	36.545	ng		99
17) 2-Methylphenol	7.96	107	265744	38.526	ng		94
18) Hexachloroethane	8.55	117	128388	39.335	ng		96
19) n-Nitroso-di-n-propylamine	8.32	70	299058	35.665	ng		99
20) 3+4-Methylphenols	8.30	107	360146	38.008	ng		98
22) Acetophenone	8.35	105	488854	38.485	ng	#	100
24) Nitrobenzene	8.72	77	433244	40.104	ng		98
25) Isophorone	9.23	82	746444	36.770	ng		99
26) 2-Nitrophenol	9.42	139	176225	38.279	ng		94
27) 2,4-Dimethylphenol	9.48	122	252473	38.787	ng		98
28) bis(2-Chloroethoxy)methane	9.72	93	421121	37.047	ng		99
29) 2,4-Dichlorophenol	9.96	162	293863	39.750	ng		98
30) 1,2,4-Trichlorobenzene	10.15	180	319655	40.174	ng		99
31) Naphthalene	10.33	128	983552	39.319	ng		99
32) Benzoic acid	9.69	122	193733	33.329	ng		99
33) 4-Chloroaniline	10.48	127	398469	38.667	ng		99
34) Hexachlorobutadiene	10.59	225	185689	39.569	ng		97
35) Caprolactam	11.31	113	100965m	36.081	ng		
36) 4-Chloro-3-methylphenol	11.62	107	351680	38.285	ng		99
37) 2-Methylnaphthalene	11.96	142	689675	37.870	ng		99
38) 1-Methylnaphthalene	12.18	142	686825	38.196	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	341347	39.654	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	65949	30.148	ng	94
43) 2,4,6-Trichlorophenol	12.60	196	223188	38.243	ng	98
44) 2,4,5-Trichlorophenol	12.68	196	231299	38.079	ng	98
46) 1,1'-Biphenyl	12.99	154	929409	38.456	ng	100
47) 2-Chloronaphthalene	13.04	162	714789	38.774	ng	99
48) 2-Nitroaniline	13.29	65	259330	39.027	ng	97
49) Acenaphthylene	13.90	152	1224236	38.168	ng	99
50) Dimethylphthalate	13.65	163	917887	37.293	ng	100
51) 2,6-Dinitrotoluene	13.79	165	204599	37.592	ng	86
52) Acenaphthene	14.24	154	683791	38.449	ng	98
53) 3-Nitroaniline	14.13	138	209161	38.487	ng	96
54) 2,4-Dinitrophenol	14.37	184	72917	27.816	ng	93
55) Dibenzofuran	14.58	168	1113439	38.286	ng	99
56) 4-Nitrophenol	14.47	139	131726	34.328	ng	94
57) 2,4-Dinitrotoluene	14.60	165	295119	37.722	ng	95
58) Fluorene	15.23	166	931235	37.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	211647	38.188	ng	99
60) Diethylphthalate	15.02	149	950597	37.135	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	444850	37.493	ng	94
62) 4-Nitroaniline	15.31	138	212898	39.761	ng	95
63) Azobenzene	15.53	77	1074643	39.278	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	118308	29.290	ng	95
66) n-Nitrosodiphenylamine	15.46	169	780457	37.709	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	267090	36.696	ng	98
68) Hexachlorobenzene	16.23	284	331803	37.992	ng	97
69) Atrazine	16.42	200	238760	33.982	ng	99
70) Pentachlorophenol	16.60	266	164648	36.898	ng	98
71) Phenanthrene	16.98	178	1446606	38.506	ng	99
72) Anthracene	17.07	178	1437531	38.440	ng	100
73) Carbazole	17.37	167	1391451	39.852	ng	99
74) Di-n-butylphthalate	17.91	149	1679629	36.630	ng	100
75) Fluoranthene	19.02	202	1762949	40.777	ng	99
77) Benzidine	19.23	184	831474	38.147	ng	100
78) Pyrene	19.38	202	1865521	35.660	ng	100
80) Butylbenzylphthalate	20.29	149	871471	34.360	ng	97
81) Benzo(a)anthracene	21.14	228	2025051	40.466	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	791790	42.527	ng	99
83) Chrysene	21.20	228	1975353	41.161	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1297558	34.364	ng	100
85) Di-n-octyl phthalate	21.92	149	2370204	38.686	ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	2762618	58.517	ng	100
88) Benzo(b)fluoranthene	22.69	252	2334922	36.477	ng	99
89) Benzo(k)fluoranthene	22.73	252	2276525	37.777	ng	100
90) Benzo(a)pyrene	23.25	252	2196318	38.724	ng	99
91) Dibenzo(a,h)anthracene	25.55	278	2349532	42.967	ng	99
92) Benzo(g,h,i)perylene	26.21	276	2082450	42.046	ng	99

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

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