Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018301.D
Acq On : 19 Dec 2018 17:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2018 2:55:08 PM

Quant Time: Dec 20 01:46:24 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	7.49	152	108425	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	448020	20.00	ng		-0.02
39) Acenaphthene-d10	14.15	164	252013	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	548702	20.00	ng		-0.01
76) Chrysene-d12	21.13	240	508740	20.00	ng		-0.01
87) Perylene-d12	23.29	264	455100	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	546468	84.19	ng		0.00
7) Phenol-d6	6.69	99	753874	83.56	ng		-0.02
23) Nitrobenzene-d5	8.65	82	810536	92.80	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	298767	80.77	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1666027	85.63	ng		-0.02
79) Terphenyl-d14	19.56	244	2043099	90.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	114454	44.515	ng		96
3) Pyridine	3.50	79	334011	44.158	ng		96
4) n-Nitrosodimethylamine	3.43	42	121254	46.573	ng		97
6) Aniline	6.83	93	464087	41.007	ng		99
8) 2-Chlorophenol	7.06	128	309584	40.370	ng		95
9) Benzaldehyde	6.65	77	231692	42.134	ng		94
10) Phenol	6.72	94	397195	41.573	ng		96
11) bis(2-Chloroethyl)ether	6.93	93	312521	41.158	ng		98
12) 1,3-Dichlorobenzene	7.38	146	340814	39.799	ng		97
13) 1,4-Dichlorobenzene	7.52	146	355072	40.832	ng		99
14) 1,2-Dichlorobenzene	7.83	146	338410	40.369	ng		98
15) Benzyl Alcohol	7.74	79	318985	43.393	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.01	45	255034	37.323	ng		92
17) 2-Methylphenol	7.94	107	264665	41.487	ng		94
18) Hexachloroethane	8.53	117	135787	42.602	ng		94
19) n-Nitroso-di-n-propylamine	8.30	70	290403	43.112	ng		97
20) 3+4-Methylphenols	8.27	107	361622	40.454	ng		96
22) Acetophenone	8.31	105	510297	43.041	ng	#	98
24) Nitrobenzene	8.69	77	405182	46.426	ng		95
25) Isophorone	9.20	82	637346	43.829	ng		97
26) 2-Nitrophenol	9.39	139	176832	41.311	ng		93
27) 2,4-Dimethylphenol	9.46	122	251909	40.834	ng		97
28) bis(2-Chloroethoxy)methane	9.69	93	402584	42.472	ng		97
29) 2,4-Dichlorophenol	9.92	162	290386	42.454	ng		98
30) 1,2,4-Trichlorobenzene	10.12	180	325025	41.775	ng		92
31) Naphthalene	10.30	128	891273	40.684	ng		100
32) Benzoic acid	9.64	122	219067m	37.501	ng		
33) 4-Chloroaniline	10.43	127	398076	41.483	ng		97
34) Hexachlorobutadiene	10.57	225	211666	43.015	ng		99
35) Caprolactam	11.25	113	102332	39.262	ng		89
36) 4-Chloro-3-methylphenol	11.57	107	344877	41.962	ng		98
37) 2-Methylnaphthalene	11.93	142	622328	40.282	ng		98
38) 1-Methylnaphthalene	12.15	142	609232	40.413	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	370589	42.763	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	124570	37.596	ng		97
43) 2,4,6-Trichlorophenol	12.56	196	238994	42.878	ng		99
44) 2,4,5-Trichlorophenol	12.64	196	244655	41.346	ng		98
46) 1,1'-Biphenyl	12.96	154	949515	41.881	ng		99
47) 2-Chloronaphthalene	13.00	162	705126	42.256	ng		99
48) 2-Nitroaniline	13.24	65	237318	46.167	ng		91
49) Acenaphthylene	13.86	152	1049459	41.733	ng		99
50) Dimethylphthalate	13.62	163	876655	41.842	ng		99
51) 2,6-Dinitrotoluene	13.75	165	190798	41.425	ng		90
52) Acenaphthene	14.21	154	636368	41.408	ng		100
53) 3-Nitroaniline	14.08	138	198094	40.870	ng		90
54) 2,4-Dinitrophenol	14.30	184	81458m	32.061	ng		
55) Dibenzofuran	14.55	168	1037134	42.000	ng		100
56) 4-Nitrophenol	14.42	139	134964	36.726	ng	#	79
57) 2,4-Dinitrotoluene	14.55	165	266979	41.936	ng	#	85
58) Fluorene	15.20	166	796191	41.746	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.79	232	215351	40.410	ng	#	98
60) Diethylphthalate	15.00	149	926906	40.995	ng		99
61) 4-Chlorophenyl-phenylether	15.20	204	450538	41.769	ng		96
62) 4-Nitroaniline	15.26	138	186092	40.463	ng		83
63) Azobenzene	15.50	77	948681	46.015	ng		98
65) 4,6-Dinitro-2-methylphenol	15.32	198	145493	36.018	ng		95
66) n-Nitrosodiphenylamine	15.43	169	751721	41.430	ng		100
67) 4-Bromophenyl-phenylether	16.10	248	273317	41.130	ng		99
68) Hexachlorobenzene	16.21	284	302062	41.491	ng		96
69) Atrazine	16.40	200	243238	39.709	ng		98
70) Pentachlorophenol	16.57	266	184846	38.445	ng		99
71) Phenanthrene	16.95	178	1209725	40.589	ng		99
72) Anthracene	17.05	178	1206837	40.816	ng		99
73) Carbazole	17.33	167	1201803	39.600	ng		99
74) Di-n-butylphthalate	17.89	149	1499745	40.051	ng		100
75) Fluoranthene	18.98	202	1341984	38.728	ng		100
77) Benzidine	19.19	184	504299	39.091	ng		98
78) Pyrene	19.35	202	1378561	45.477	ng		100
80) Butylbenzylphthalate	20.27	149	613626	42.551	ng		92
81) Benzo(a)anthracene	21.12	228	1190600	40.063	ng		100
82) 3,3'-Dichlorobenzidine	21.06	252	472792	39.822	ng		99
83) Chrysene	21.17	228	1138794	39.840	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	892888	41.544	ng		98
85) Di-n-octyl phthalate	21.92	149	1347988	38.296	ng		99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1186230	41.661	ng		99
88) Benzo(b)fluoranthene	22.65	252	1050863	41.107	ng		99
89) Benzo(k)fluoranthene	22.70	252	1041275	40.900	ng		98
90) Benzo(a)pyrene	23.20	252	984169	40.478	ng		99
91) Dibenzo(a,h)anthracene	25.43	278	1014912	45.062	ng		98
92) Benzo(g,h,i)perylene	26.07	276	985220	46.276	ng		98

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

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