Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018485.D
Acq On : 09 Jan 2019 22:30
Operator : JU/SJ
Sample : K1071-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MS

Manual Integrations APPROVED
Sohil
1/10/2019 3:12:05 PM

Quant Time: Jan 10 06:34:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	641561	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	2726538	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	1598812	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	3554412	20.00	ng		0.00
76) Chrysene-d12	21.36	240	2553977	20.00	ng		0.00
87) Perylene-d12	23.64	264	2479866	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	3889393	111.94	ng		0.00
7) Phenol-d6	6.95	99	5128141	116.21	ng		0.01
23) Nitrobenzene-d5	8.93	82	3187768	67.78	ng		0.01
42) 2,4,6-Tribromophenol	15.91	330	2294984	112.73	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	7756029	63.30	ng		0.01
79) Terphenyl-d14	19.80	244	9548305	78.81	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	292873	20.682	ng		96
3) Pyridine	3.69	79	791494	22.418	ng		97
4) n-Nitrosodimethylamine	3.60	42	490766	33.615	ng	#	94
6) Aniline	7.13	93	227032	4.612	ng		97
8) 2-Chlorophenol	7.33	128	1428966	35.214	ng		96
9) Benzaldehyde	6.92	77	449124	14.917	ng		97
10) Phenol	6.97	94	1790921	39.937	ng		99
11) bis(2-Chloroethyl)ether	7.20	93	1399611	39.721	ng		88
12) 1,3-Dichlorobenzene	7.65	146	1470354	30.426	ng		97
13) 1,4-Dichlorobenzene	7.80	146	1499797	30.620	ng		99
14) 1,2-Dichlorobenzene	8.12	146	1465780	31.560	ng		99
15) Benzyl Alcohol	8.01	79	1020079	32.004	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1393460	30.945	ng		94
17) 2-Methylphenol	8.22	107	1115116	36.634	ng		99
18) Hexachloroethane	8.83	117	399966	22.902	ng		93
19) n-Nitroso-di-n-propylamine	8.57	70	930818	32.412	ng		92
20) 3+4-Methylphenols	8.54	107	1620567	38.566	ng		99
22) Acetophenone	8.59	105	1942843	28.805	ng	#	97
24) Nitrobenzene	8.97	77	1436110	31.033	ng		98
25) Isophorone	9.49	82	2561411	35.964	ng		98
26) 2-Nitrophenol	9.67	139	780632	34.886	ng		96
27) 2,4-Dimethylphenol	9.74	122	1288778	38.425	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	1566830	31.846	ng		98
29) 2,4-Dichlorophenol	10.22	162	1407531	35.243	ng		100
30) 1,2,4-Trichlorobenzene	10.42	180	1503868	30.337	ng		99
31) Naphthalene	10.61	128	4401361	33.519	ng		99
33) 4-Chloroaniline	10.75	127	1047820	20.262	ng		99
34) Hexachlorobutadiene	10.87	225	889291	28.396	ng		98
35) Caprolactam	11.55	113	397846m	29.300	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1458737	34.815	ng		99
37) 2-Methylnaphthalene	12.22	142	3286287	35.422	ng		99
38) 1-Methylnaphthalene	12.44	142	3130328	34.871	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1706850	30.529	ng		98
41) Hexachlorocyclopentadiene	12.56	237	69888	2.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	1173440	34.562	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	1253835	35.114	ng		98
46) 1,1'-Biphenyl	13.24	154	4169109	29.865	ng		99
47) 2-Chloronaphthalene	13.29	162	3268544	30.193	ng		100
48) 2-Nitroaniline	13.50	65	913420	34.296	ng		92
49) Acenaphthylene	14.14	152	5081257	32.209	ng		99
50) Dimethylphthalate	13.87	163	4566894	34.781	ng		99
51) 2,6-Dinitrotoluene	14.00	165	899707	32.348	ng		90
52) Acenaphthene	14.48	154	3083360	31.943	ng		98
53) 3-Nitroaniline	14.34	138	845163	30.141	ng		92
54) 2,4-Dinitrophenol	14.54	184	42941	9.797	ng	#	85
55) Dibenzofuran	14.82	168	4983536	31.247	ng		98
56) 4-Nitrophenol	14.66	139	1544586	63.762	ng		95
57) 2,4-Dinitrotoluene	14.79	165	1258346	31.976	ng		96
58) Fluorene	15.46	166	4052922	34.113	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1106061	34.946	ng		98
60) Diethylphthalate	15.24	149	4185443	31.575	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	2043452	29.842	ng		98
62) 4-Nitroaniline	15.50	138	900279	29.435	ng		100
63) Azobenzene	15.75	77	3369558	31.178	ng		98
65) 4,6-Dinitro-2-methylphenol	15.54	198	182133	12.529	ng		90
66) n-Nitrosodiphenylamine	15.68	169	3590048	32.561	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	1261378	31.712	ng		98
68) Hexachlorobenzene	16.46	284	1367013	30.700	ng		99
69) Atrazine	16.63	200	1194766	29.974	ng		98
70) Pentachlorophenol	16.81	266	1372259	47.055	ng		99
71) Phenanthrene	17.21	178	6262813	33.126	ng		100
72) Anthracene	17.30	178	6336679	34.855	ng		100
73) Carbazole	17.57	167	5636772	30.179	ng		100
74) Di-n-butylphthalate	18.13	149	7262554	35.497	ng		100
75) Fluoranthene	19.23	202	6315727	28.975	ng		98
77) Benzidine	19.42	184	347184	5.505	ng	#	94
78) Pyrene	19.59	202	6123174	40.447	ng		99
80) Butylbenzylphthalate	20.49	149	2804176	43.409	ng		97
81) Benzo(a)anthracene	21.34	228	5065773	33.669	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	1118569	19.660	ng		99
83) Chrysene	21.40	228	4767469	32.813	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	4044158	43.355	ng		99
85) Di-n-octyl phthalate	22.16	149	6138287	39.125	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.98	276	5262665	31.412	ng		96
88) Benzo(b)fluoranthene	22.96	252	4786816	34.000	ng		99
89) Benzo(k)fluoranthene	23.00	252	4457258	31.415	ng		98
90) Benzo(a)pyrene	23.55	252	4503596	33.413	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	4470510	32.734	ng		99
92) Benzo(g,h,i)perylene	26.70	276	4316847	32.482	ng		97

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

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