Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020182.D
Acq On : 08 May 2019 01:34
Operator : JU/SJ
Sample : K2673-16MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-02-COMPMS

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:32 PM

Quant Time: May 08 05:40:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	134925	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	478493	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	284489	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	661132	20.00	ng		0.00
76) Chrysene-d12	21.36	240	711820	20.00	ng		0.00
87) Perylene-d12	23.66	264	842132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1287524	155.98	ng		0.00
7) Phenol-d6	6.96	99	1758668	155.96	ng		0.00
23) Nitrobenzene-d5	8.96	82	1246421	102.84	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	754660	170.90	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2117112	91.56	ng		0.00
79) Terphenyl-d14	19.80	244	3427511	83.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	137082	33.861	ng		94
3) Pyridine	3.70	79	394854	38.136	ng		99
4) n-Nitrosodimethylamine	3.62	42	148386	44.693	ng	#	72
6) Aniline	7.13	93	272258	19.180	ng		97
8) 2-Chlorophenol	7.35	128	415972	46.282	ng		99
9) Benzaldehyde	6.94	77	330690	38.745	ng		97
10) Phenol	6.99	94	575055	47.370	ng		91
11) bis(2-Chloroethyl)ether	7.22	93	433211	49.098	ng		95
12) 1,3-Dichlorobenzene	7.67	146	459135	43.906	ng		96
13) 1,4-Dichlorobenzene	7.82	146	464427	43.964	ng		98
14) 1,2-Dichlorobenzene	8.13	146	443686	44.085	ng		98
15) Benzyl Alcohol	8.03	79	467294	42.975	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	316315	43.234	ng		97
17) 2-Methylphenol	8.23	107	360161	46.088	ng		95
18) Hexachloroethane	8.86	117	167889	38.116	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	402675	41.738	ng		95
20) 3+4-Methylphenols	8.56	107	483024	46.507	ng		97
22) Acetophenone	8.62	105	656437	50.197	ng	#	96
24) Nitrobenzene	9.00	77	582447	46.350	ng		96
25) Isophorone	9.52	82	1008663	48.260	ng		100
26) 2-Nitrophenol	9.70	139	218280	57.537	ng		96
27) 2,4-Dimethylphenol	9.76	122	359873	56.978	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	553476	48.622	ng		99
29) 2,4-Dichlorophenol	10.23	162	408997	51.354	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	476087	48.582	ng		98
31) Naphthalene	10.63	128	1223745	49.283	ng		99
32) Benzoic acid	9.83	122	29221	12.217	ng	#	84
33) 4-Chloroaniline	10.75	127	257251	25.171	ng		96
34) Hexachlorobutadiene	10.90	225	312855	45.129	ng		99
35) Caprolactam	11.56	113	126419m	53.085	ng		
36) 4-Chloro-3-methylphenol	11.87	107	449097	47.984	ng		96
37) 2-Methylnaphthalene	12.25	142	889684	49.147	ng		98
38) 1-Methylnaphthalene	12.47	142	836963	47.281	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	540483	48.560	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	48470	7.396	ng		90
43) 2,4,6-Trichlorophenol	12.86	196	365203	57.734	ng		99
44) 2,4,5-Trichlorophenol	12.93	196	379476	53.700	ng		96
46) 1,1'-Biphenyl	13.26	154	1120419	47.848	ng		98
47) 2-Chloronaphthalene	13.30	162	903751	48.339	ng		99
48) 2-Nitroaniline	13.52	65	343655	51.631	ng		90
49) Acenaphthylene	14.16	152	1486231	49.672	ng		99
50) Dimethylphthalate	13.89	163	1558983	64.476	ng		100
51) 2,6-Dinitrotoluene	14.02	165	242966	47.709	ng		89
52) Acenaphthene	14.50	154	811915	47.319	ng		99
53) 3-Nitroaniline	14.35	138	168340	35.615	ng		100
54) 2,4-Dinitrophenol	14.56	184	54871	27.704	ng		95
55) Dibenzofuran	14.83	168	1355523	46.836	ng		97
56) 4-Nitrophenol	14.66	139	396323	98.275	ng		89
57) 2,4-Dinitrotoluene	14.80	165	333465	48.188	ng		94
58) Fluorene	15.48	166	1087394	45.748	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	366416	54.563	ng		95
60) Diethylphthalate	15.25	149	1122158	46.065	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	615190	45.679	ng		94
62) 4-Nitroaniline	15.52	138	160118	30.696	ng		97
63) Azobenzene	15.77	77	1207281	42.009	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	53758	20.873	ng		95
66) n-Nitrosodiphenylamine	15.69	169	954175	49.047	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	382585	47.191	ng		96
68) Hexachlorobenzene	16.47	284	443251	47.512	ng		97
69) Atrazine	16.64	200	357415	47.012	ng		98
70) Pentachlorophenol	16.82	266	613105	114.860	ng		97
71) Phenanthrene	17.22	178	1866949	51.156	ng		99
72) Anthracene	17.32	178	1893303	51.888	ng		99
73) Carbazole	17.59	167	1535530	46.639	ng		99
74) Di-n-butylphthalate	18.14	149	1854606	46.807	ng		98
75) Fluoranthene	19.24	202	2779500	60.194	ng		100
78) Pyrene	19.60	202	2831498	59.248	ng		99
80) Butylbenzylphthalate	20.50	149	899258	51.743	ng		99
81) Benzo(a)anthracene	21.35	228	2713368	54.354	ng		98
82) 3,3'-Dichlorobenzidine	21.29	252	264431	13.879	ng		99
83) Chrysene	21.40	228	2658316	54.908	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	8841193	327.841	ng		95
85) Di-n-octyl phthalate	22.16	149	3596093	80.230	ng	#	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3373446	58.580	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	3304144	59.416	ng		99
89) Benzo(k)fluoranthene	23.01	252	2649284	52.227	ng		99
90) Benzo(a)pyrene	23.56	252	2931885	58.044	ng		97
91) Dibenzo(a,h)anthracene	26.01	278	2616351	49.807	ng		99
92) Benzo(g,h,i)perylene	26.73	276	2868933	57.526	ng		99

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

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