Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018998.D
Acq On : 01 Mar 2019 21:56
Operator : JU/SJ
Sample : K1675-33MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Manual Integrations APPROVED
Sohil
3/4/2019 4:53:04 PM

Quant Time: Mar 02 02:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	319984	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	1330988	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	717785	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1450275	20.00	ng		-0.03
76) Chrysene-d12	21.29	240	1109955	20.00	ng		-0.02
87) Perylene-d12	23.53	264	1140653	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1783430	91.32	ng		-0.02
7) Phenol-d6	6.86	99	2557937	92.97	ng		-0.02
23) Nitrobenzene-d5	8.85	82	1608558	55.88	ng		-0.04
42) 2,4,6-Tribromophenol	15.83	330	865262	83.63	ng		-0.03
45) 2-Fluorobiphenyl	12.95	172	2997687	55.44	ng		-0.03
79) Terphenyl-d14	19.72	244	3423943	63.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	192364	22.615	ng		100
3) Pyridine	3.63	79	541243	23.328	ng		98
4) n-Nitrosodimethylamine	3.56	42	184469	31.253	ng		97
6) Aniline	7.03	93	748681	22.210	ng		100
8) 2-Chlorophenol	7.25	128	642628	29.971	ng		100
9) Benzaldehyde	6.84	77	515063	32.567	ng		100
10) Phenol	6.89	94	890929	30.777	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	604895	27.393	ng		99
12) 1,3-Dichlorobenzene	7.57	146	630798	26.163	ng		98
13) 1,4-Dichlorobenzene	7.72	146	649390	26.457	ng		100
14) 1,2-Dichlorobenzene	8.03	146	632049	26.808	ng		100
15) Benzyl Alcohol	7.93	79	617459	28.245	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	608198	28.457	ng		97
17) 2-Methylphenol	8.13	107	542789	29.460	ng		97
18) Hexachloroethane	8.74	117	237729	26.532	ng		95
19) n-Nitroso-di-n-propylamine	8.49	70	568637	26.694	ng		98
20) 3+4-Methylphenols	8.46	107	732243	28.781	ng		99
22) Acetophenone	8.52	105	938868	25.686	ng	#	99
24) Nitrobenzene	8.89	77	808470	27.058	ng		99
25) Isophorone	9.41	82	1412732	30.759	ng		100
26) 2-Nitrophenol	9.60	139	339159	28.503	ng		97
27) 2,4-Dimethylphenol	9.65	122	562207	32.350	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	840996	28.316	ng		100
29) 2,4-Dichlorophenol	10.12	162	582527	29.192	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	611381	26.529	ng		98
31) Naphthalene	10.52	128	1876495	28.908	ng		99
32) Benzoic acid	9.75	122	47895	3.159	ng		94
33) 4-Chloroaniline	10.65	127	353894	12.196	ng		97
34) Hexachlorobutadiene	10.78	225	330840	24.733	ng		99
35) Caprolactam	11.46	113	174316m	21.404	ng		
36) 4-Chloro-3-methylphenol	11.77	107	645361	26.823	ng		98
37) 2-Methylnaphthalene	12.14	142	1362673	29.816	ng		99
38) 1-Methylnaphthalene	12.36	142	1291142	28.890	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	642274	27.972	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	661994	56.391 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	450881	29.663 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	470975	29.562 ng	99
46) 1,1'-Biphenyl	13.16	154	1712752	27.721 ng	99
47) 2-Chloronaphthalene	13.20	162	1328043	27.829 ng	99
48) 2-Nitroaniline	13.43	65	435715	27.491 ng	99
49) Acenaphthylene	14.06	152	2110269	29.697 ng	100
50) Dimethylphthalate	13.80	163	1828341	30.564 ng	100
51) 2,6-Dinitrotoluene	13.93	165	361487	27.896 ng	93
52) Acenaphthene	14.40	154	1219109	27.979 ng	100
53) 3-Nitroaniline	14.26	138	251562	17.181 ng	98
54) 2,4-Dinitrophenol	14.47	184	241517	33.019 ng	99
55) Dibenzofuran	14.73	168	1952126	27.258 ng	99
56) 4-Nitrophenol	14.57	139	573490	49.066 ng	99
57) 2,4-Dinitrotoluene	14.72	165	482811	27.042 ng	98
58) Fluorene	15.39	166	1561854	28.507 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	407586	28.943 ng	99
60) Diethylphthalate	15.17	149	1628234	26.387 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	770515	25.083 ng	97
62) 4-Nitroaniline	15.43	138	322024	22.434 ng	99
63) Azobenzene	15.68	77	1747677	26.415 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	228028	22.394 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1346501	29.387 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	450865	27.774 ng	99
68) Hexachlorobenzene	16.39	284	520467	27.583 ng	95
69) Atrazine	16.56	200	437708	29.631 ng	99
70) Pentachlorophenol	16.73	266	603920	49.709 ng	98
71) Phenanthrene	17.13	178	2256383	28.950 ng	99
72) Anthracene	17.22	178	2292236	30.216 ng	100
73) Carbazole	17.50	167	1995592	25.179 ng	99
74) Di-n-butylphthalate	18.05	149	2576845	28.270 ng	100
75) Fluoranthene	19.15	202	2261493	25.119 ng	98
77) Benzidine	19.36	184	958884	38.359 ng	99
78) Pyrene	19.52	202	2254275	34.969 ng	100
80) Butylbenzylphthalate	20.42	149	987376	33.608 ng	99
81) Benzo(a)anthracene	21.27	228	1839581	28.432 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	615933	24.087 ng	99
83) Chrysene	21.32	228	1780208	28.706 ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1384379	32.195 ng	98
85) Di-n-octyl phthalate	22.07	149	2151137	29.765 ng	99
86) Indeno(1,2,3-cd)pyrene	25.80	276	2280093	31.845 ng	100
88) Benzo(b)fluoranthene	22.85	252	1894242	29.026 ng	99
89) Benzo(k)fluoranthene	22.90	252	1807761	27.824 ng	100
90) Benzo(a)pyrene	23.43	252	1822895	29.486 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1957274	31.955 ng	99
92) Benzo(g,h,i)perylene	26.50	276	1891213	33.166 ng	99

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

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