Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019015.D
Acq On : 04 Mar 2019 18:29
Operator : JU/SJ
Sample : K1655-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0C1-TWPMS

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:45 PM

Quant Time: Mar 05 04:09:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	265267	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1116362	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	635703	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1359651	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1128241	20.00	ng	0.00
87) Perylene-d12	23.53	264	998072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	754008	46.57	ng	0.00
7) Phenol-d6	6.86	99	672604	29.49	ng	0.00
23) Nitrobenzene-d5	8.85	82	1705657	70.65	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1018513	111.15	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3408105	71.17	ng	0.00
79) Terphenyl-d14	19.72	244	4784328	87.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	85934	12.187	ng	98
3) Pyridine	3.64	79	227456	11.826	ng	99
4) n-Nitrosodimethylamine	3.56	42	78787	16.102	ng	95
6) Aniline	7.02	93	523929	18.749	ng	99
8) 2-Chlorophenol	7.25	128	504983	28.410	ng	98
9) Benzaldehyde	6.84	77	564407	47.587	ng	100
10) Phenol	6.88	94	320068	13.337	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	614911	33.590	ng	98
12) 1,3-Dichlorobenzene	7.56	146	588218	29.430	ng	99
13) 1,4-Dichlorobenzene	7.72	146	610628	30.009	ng	100
14) 1,2-Dichlorobenzene	8.03	146	597728	30.582	ng	99
15) Benzyl Alcohol	7.93	79	408087	22.518	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	625903	35.326	ng	97
17) 2-Methylphenol	8.13	107	361679	23.679	ng	97
18) Hexachloroethane	8.74	117	219281	29.521	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	612979	34.711	ng	98
20) 3+4-Methylphenols	8.46	107	440686	20.894	ng	99
22) Acetophenone	8.51	105	996127	32.492	ng	99
24) Nitrobenzene	8.89	77	844885	33.713	ng	99
25) Isophorone	9.41	82	1532371	39.778	ng	99
26) 2-Nitrophenol	9.59	139	331141	33.180	ng	99
27) 2,4-Dimethylphenol	9.65	122	501059	34.374	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	902427	36.225	ng	99
29) 2,4-Dichlorophenol	10.12	162	553044	33.042	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	603215	31.207	ng	98
31) Naphthalene	10.52	128	1924106	35.340	ng	99
32) Benzoic acid	9.76	122	91063m	7.162	ng	
33) 4-Chloroaniline	10.65	127	295351	12.135	ng	99
34) Hexachlorobutadiene	10.78	225	320691	28.583	ng	99
35) Caprolactam	11.47	113	26368m	3.860	ng	
36) 4-Chloro-3-methylphenol	11.77	107	599428	29.704	ng	97
37) 2-Methylnaphthalene	12.13	142	1464114	38.194	ng	99
38) 1-Methylnaphthalene	12.36	142	1394697	37.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	688833	33.873	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	745045	71.660 ng	100
43) 2,4,6-Trichlorophenol	12.76	196	477315	35.456 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	492738	34.921 ng	99
46) 1,1'-Biphenyl	13.16	154	1883259	34.416 ng	99
47) 2-Chloronaphthalene	13.20	162	1458281	34.503 ng	99
48) 2-Nitroaniline	13.43	65	508488	36.225 ng	98
49) Acenaphthylene	14.06	152	2403302	38.188 ng	100
50) Dimethylphthalate	13.80	163	2420741	45.692 ng	99
51) 2,6-Dinitrotoluene	13.93	165	420102	36.605 ng	98
52) Acenaphthene	14.40	154	1385423	35.902 ng	100
53) 3-Nitroaniline	14.26	138	231872	17.881 ng	95
54) 2,4-Dinitrophenol	14.47	184	462888	64.748 ng	98
55) Dibenzofuran	14.73	168	2257115	35.586 ng	99
56) 4-Nitrophenol	14.57	139	204578	19.763 ng	96
57) 2,4-Dinitrotoluene	14.72	165	586070	37.064 ng	98
58) Fluorene	15.39	166	1851985	38.167 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	452160	36.254 ng	100
60) Diethylphthalate	15.17	149	1948594	35.656 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	909833	33.442 ng	99
62) 4-Nitroaniline	15.43	138	389217	30.617 ng	96
63) Azobenzene	15.67	77	2076374	35.435 ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	303363	31.778 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1553203	36.157 ng	100
67) 4-Bromophenyl-phenylether	16.28	248	544800	35.797 ng	98
68) Hexachlorobenzene	16.38	284	634792	35.885 ng	98
69) Atrazine	16.56	200	508699	36.732 ng	99
70) Pentachlorophenol	16.73	266	733190	64.371 ng	99
71) Phenanthrene	17.13	178	2798120	38.294 ng	100
72) Anthracene	17.22	178	2859833	40.211 ng	100
73) Carbazole	17.50	167	2571046	34.602 ng	99
74) Di-n-butylphthalate	18.05	149	3377351	39.522 ng	100
75) Fluoranthene	19.15	202	3044214	36.067 ng	98
77) Benzidine	19.35	184	302394	11.901 ng	99
78) Pyrene	19.52	202	3069762	46.847 ng	100
80) Butylbenzylphthalate	20.42	149	1439949	48.218 ng	99
81) Benzo(a)anthracene	21.27	228	2591659	39.406 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	598727	23.035 ng	99
83) Chrysene	21.32	228	2395013	37.994 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2040859	46.693 ng	100
85) Di-n-octyl phthalate	22.07	149	3171700	43.175 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2624790	36.065 ng	100
88) Benzo(b)fluoranthene	22.85	252	2276341	39.863 ng	100
89) Benzo(k)fluoranthene	22.90	252	2258774	39.732 ng	99
90) Benzo(a)pyrene	23.43	252	2154219	39.823 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2232334	41.652 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2132583	42.741 ng	100

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

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