Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019042.D
Acq On : 05 Mar 2019 18:27
Operator : JU/SJ
Sample : K1705-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Manual Integrations APPROVED
Sohil
3/6/2019 5:20:32 PM

Quant Time: Mar 06 06:27:33 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	7.67	152	255378	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	974514	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	526814	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1094158	20.00	ng	0.00
76) Chrysene-d12	21.28	240	884747	20.00	ng	0.00
87) Perylene-d12	23.53	264	869717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1942753	124.64	ng	0.00
7) Phenol-d6	6.86	99	2661894	121.23	ng	0.00
23) Nitrobenzene-d5	8.85	82	1669426	79.21	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	925612	121.89	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3021844	76.14	ng	0.00
79) Terphenyl-d14	19.72	244	3684900	85.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	221420	32.617	ng	100
3) Pyridine	3.63	79	468198	25.284	ng	98
4) n-Nitrosodimethylamine	3.55	42	184219	39.106	ng	94
6) Aniline	7.02	93	406693	15.117	ng	100
8) 2-Chlorophenol	7.25	128	619523	36.203	ng	98
9) Benzaldehyde	6.84	77	445281	36.167	ng	99
10) Phenol	6.88	94	918473	39.755	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	602099	34.164	ng	99
12) 1,3-Dichlorobenzene	7.56	146	659632	34.281	ng	98
13) 1,4-Dichlorobenzene	7.71	146	671896	34.299	ng	99
14) 1,2-Dichlorobenzene	8.02	146	640880	34.059	ng	98
15) Benzyl Alcohol	7.93	79	594387	34.068	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	589932	34.585	ng	96
17) 2-Methylphenol	8.12	107	523343	35.590	ng	96
18) Hexachloroethane	8.73	117	244691	34.218	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	547052	32.178	ng	99
20) 3+4-Methylphenols	8.45	107	709655	34.950	ng	99
22) Acetophenone	8.50	105	906964	33.890	ng	99
24) Nitrobenzene	8.89	77	772203	35.298	ng	99
25) Isophorone	9.40	82	1356341	40.333	ng	99
26) 2-Nitrophenol	9.59	139	323215	37.100	ng	99
27) 2,4-Dimethylphenol	9.65	122	551209	43.319	ng	98
28) bis(2-Chloroethoxy)methane	9.89	93	809667	37.233	ng	100
29) 2,4-Dichlorophenol	10.12	162	555605	38.027	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	597584	35.416	ng	99
31) Naphthalene	10.51	128	1808896	38.060	ng	99
32) Benzoic acid	9.80	122	349387m	31.477	ng	
33) 4-Chloroaniline	10.65	127	156441	7.363	ng	99
34) Hexachlorobutadiene	10.77	225	324301	33.112	ng	99
35) Caprolactam	11.46	113	168378m	28.238	ng	
36) 4-Chloro-3-methylphenol	11.76	107	628153	35.659	ng	99
37) 2-Methylnaphthalene	12.13	142	1274643	38.092	ng	98
38) 1-Methylnaphthalene	12.35	142	1225366	37.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	608199	36.090	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	710670	82.482 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	437847	39.247 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	453210	38.758 ng	98
46) 1,1'-Biphenyl	13.16	154	1625568	35.847 ng	100
47) 2-Chloronaphthalene	13.20	162	1250471	35.702 ng	99
48) 2-Nitroaniline	13.43	65	420513	36.149 ng	96
49) Acenaphthylene	14.05	152	2020979	38.751 ng	99
50) Dimethylphthalate	13.80	163	1806951	41.156 ng	100
51) 2,6-Dinitrotoluene	13.93	165	348540	36.647 ng	95
52) Acenaphthene	14.39	154	1161796	36.330 ng	99
53) 3-Nitroaniline	14.26	138	175105	16.295 ng	98
54) 2,4-Dinitrophenol	14.47	184	408998	68.654 ng	99
55) Dibenzofuran	14.73	168	1869932	35.575 ng	99
56) 4-Nitrophenol	14.57	139	585509	68.254 ng	96
57) 2,4-Dinitrotoluene	14.72	165	478981	36.552 ng	98
58) Fluorene	15.38	166	1499711	37.295 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	400883	38.786 ng	99
60) Diethylphthalate	15.16	149	1595270	35.224 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	750139	33.271 ng	96
62) 4-Nitroaniline	15.43	138	327140	31.053 ng	97
63) Azobenzene	15.67	77	1675410	34.502 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	254278	33.100 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1326459	38.372 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	438682	35.819 ng	98
68) Hexachlorobenzene	16.37	284	508700	35.735 ng	99
69) Atrazine	16.56	200	436892	39.202 ng	98
70) Pentachlorophenol	16.73	266	624439	68.126 ng	99
71) Phenanthrene	17.13	178	2230873	37.939 ng	100
72) Anthracene	17.22	178	2239827	39.135 ng	99
73) Carbazole	17.50	167	2035372	34.039 ng	99
74) Di-n-butylphthalate	18.05	149	2597180	37.767 ng	99
75) Fluoranthene	19.15	202	2328707	34.284 ng	99
77) Benzidine	19.35	184	663642	33.306 ng	100
78) Pyrene	19.52	202	2314305	45.038 ng	100
80) Butylbenzylphthalate	20.42	149	1013820	43.292 ng	100
81) Benzo(a)anthracene	21.26	228	1892998	36.705 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	375072	18.402 ng	100
83) Chrysene	21.31	228	1826443	36.948 ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1520915	44.374 ng	100
85) Di-n-octyl phthalate	22.07	149	2242160	38.922 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2342977	41.053 ng	100
88) Benzo(b)fluoranthene	22.84	252	1870767	37.596 ng	99
89) Benzo(k)fluoranthene	22.89	252	1846285	37.269 ng	99
90) Benzo(a)pyrene	23.43	252	1819310	38.595 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1983206	42.465 ng	98
92) Benzo(g,h,i)perylene	26.50	276	1949886	44.847 ng	99

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

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