Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018674.D
Acq On : 28 Jan 2019 21:09
Operator : JU/SJ
Sample : K1011-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMSD

Manual Integrations APPROVED
mohammad
1/29/2019 10:06:50 AM

Quant Time: Jan 29 02:44:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	215195	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	858194	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	477896	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1077547	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1154403	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1176026	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1486379	127.54	ng	-0.01
7) Phenol-d6	6.90	99	1724580	116.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1302655	87.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	894879	147.06	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3249006	88.71	ng	-0.01
79) Terphenyl-d14	19.76	244	4995517	91.22	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	160656	33.823	ng	# 60
3) Pyridine	3.67	79	404209	34.132	ng	97
4) n-Nitrosodimethylamine	3.58	42	221556	45.243	ng	# 95
6) Aniline	7.07	93	179647	10.880	ng	100
8) 2-Chlorophenol	7.29	128	622941	45.767	ng	95
9) Benzaldehyde	6.88	77	115755	11.168	ng	99
10) Phenol	6.93	94	582773	38.744	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	517878	43.818	ng	95
12) 1,3-Dichlorobenzene	7.61	146	657690	40.574	ng	98
13) 1,4-Dichlorobenzene	7.76	146	673556	40.997	ng	98
14) 1,2-Dichlorobenzene	8.07	146	649873	41.716	ng	99
15) Benzyl Alcohol	7.97	79	502371	46.990	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	662616	43.870	ng	96
17) 2-Methylphenol	8.17	107	476653	46.684	ng	99
18) Hexachloroethane	8.79	117	244113	41.672	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	422648	43.875	ng	95
20) 3+4-Methylphenols	8.50	107	633337	44.934	ng	98
22) Acetophenone	8.55	105	865042	40.747	ng	98
24) Nitrobenzene	8.93	77	632512	43.424	ng	98
25) Isophorone	9.45	82	1146355	51.137	ng	98
26) 2-Nitrophenol	9.64	139	337925	47.979	ng	96
27) 2,4-Dimethylphenol	9.69	122	545730	51.694	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	709233	45.798	ng	100
29) 2,4-Dichlorophenol	10.17	162	602115	47.898	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	660135	42.308	ng	99
31) Naphthalene	10.56	128	1914760	46.328	ng	100
32) Benzoic acid	9.83	122	266040m	38.861	ng	
33) 4-Chloroaniline	10.69	127	49370	3.033	ng	# 94
34) Hexachlorobutadiene	10.83	225	397209	40.296	ng	99
35) Caprolactam	11.50	113	127664m	29.870	ng	
36) 4-Chloro-3-methylphenol	11.81	107	615547	46.674	ng	97
37) 2-Methylnaphthalene	12.18	142	1422244	48.704	ng	100
38) 1-Methylnaphthalene	12.40	142	1360602	48.155	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	742392	44.423	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	724470	78.988	ng	100
43) 2,4,6-Trichlorophenol	12.80	196	489648	48.249	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	523634	49.061	ng	98
46) 1,1'-Biphenyl	13.20	154	1798700	43.106	ng	99
47) 2-Chloronaphthalene	13.25	162	1408798	43.538	ng	100
48) 2-Nitroaniline	13.47	65	375507	47.169	ng	90
49) Acenaphthylene	14.10	152	2278840	48.326	ng	100
50) Dimethylphthalate	13.84	163	1783966	45.453	ng	99
51) 2,6-Dinitrotoluene	13.96	165	392001	47.151	ng	94
52) Acenaphthene	14.44	154	1321324	45.795	ng	98
53) 3-Nitroaniline	14.30	138	60539	7.223	ng	94
54) 2,4-Dinitrophenol	14.50	184	312394	70.365	ng	91
55) Dibenzofuran	14.77	168	2130944	44.699	ng	99
56) 4-Nitrophenol	14.61	139	612018	84.523	ng	95
57) 2,4-Dinitrotoluene	14.76	165	551754	46.906	ng	99
58) Fluorene	15.43	166	1731574	48.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	480613	50.802	ng	97
60) Diethylphthalate	15.20	149	1813170	45.762	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	884451	43.212	ng	99
62) 4-Nitroaniline	15.47	138	327834	35.859	ng	97
63) Azobenzene	15.72	77	1480404	45.827	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246579	37.261	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1511750	45.228	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	536792	44.516	ng	96
68) Hexachlorobenzene	16.42	284	602624	44.641	ng	100
69) Atrazine	16.60	200	557996	46.178	ng	99
70) Pentachlorophenol	16.77	266	751060	84.953	ng	99
71) Phenanthrene	17.17	178	2750225	47.985	ng	100
72) Anthracene	17.26	178	2796657	50.743	ng	100
73) Carbazole	17.54	167	2546172	44.967	ng	99
74) Di-n-butylphthalate	18.09	149	3102257	50.017	ng	100
75) Fluoranthene	19.19	202	3254256	49.248	ng	98
77) Benzidine	19.39	184	613281	21.516	ng	100
78) Pyrene	19.56	202	3351302	48.976	ng	100
80) Butylbenzylphthalate	20.46	149	1449835	49.654	ng	97
81) Benzo(a)anthracene	21.30	228	3352409	49.295	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	325817	12.669	ng	99
83) Chrysene	21.36	228	3162200	48.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2071148	49.122	ng	99
85) Di-n-octyl phthalate	22.12	149	3656242	51.559	ng	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3768716	49.767	ng	97
88) Benzo(b)fluoranthene	22.90	252	3373208	50.523	ng	98
89) Benzo(k)fluoranthene	22.95	252	3192734	47.451	ng	98
90) Benzo(a)pyrene	23.49	252	3203475	50.118	ng	97
91) Dibenzo(a,h)anthracene	25.90	278	3197872	49.376	ng	99
92) Benzo(g,h,i)perylene	26.60	276	3119149	49.491	ng	97

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

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