Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
Data File : BM018813.D
Acq On : 13 Feb 2019 22:01
Operator : JU/SJ
Sample : K1457-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MSD

Manual Integrations APPROVED
Sohil
2/14/2019 1:50:38 PM

Quant Time: Feb 14 01:22:50 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	7.71	152	252420	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1092013	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	655506	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	1516689	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1715677	20.00	ng		0.00
87) Perylene-d12	23.56	264	1682435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2266266	147.10	ng		0.00
7) Phenol-d6	6.89	99	2987361	137.65	ng		0.00
23) Nitrobenzene-d5	8.88	82	2305441	97.62	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	1499941	158.74	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	4662630	94.42	ng		0.00
79) Terphenyl-d14	19.74	244	8199800	98.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	245838	36.638	ng		99
3) Pyridine	3.65	79	606829	33.155	ng		100
4) n-Nitrosodimethylamine	3.57	42	225110	48.347	ng		92
6) Aniline	7.05	93	554007	20.834	ng		98
8) 2-Chlorophenol	7.28	128	808463	47.798	ng		99
9) Benzaldehyde	6.87	77	495847	42.502	ng		89
10) Phenol	6.92	94	1015357	44.463	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	782996	44.949	ng		99
12) 1,3-Dichlorobenzene	7.60	146	750487	39.459	ng		99
13) 1,4-Dichlorobenzene	7.75	146	773350	39.941	ng		100
14) 1,2-Dichlorobenzene	8.06	146	755802	40.637	ng		99
15) Benzyl Alcohol	7.96	79	850905	49.343	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	739316	43.851	ng		95
17) 2-Methylphenol	8.16	107	729240	50.174	ng		98
18) Hexachloroethane	8.77	117	342253	48.422	ng		97
19) n-Nitroso-di-n-propylamine	8.52	70	771724	45.925	ng		100
20) 3+4-Methylphenols	8.49	107	1020511	50.848	ng		99
22) Acetophenone	8.54	105	1295126	43.187	ng	#	99
24) Nitrobenzene	8.92	77	1127878	46.009	ng		100
25) Isophorone	9.44	82	1968597	52.241	ng		100
26) 2-Nitrophenol	9.62	139	438090	44.875	ng		98
27) 2,4-Dimethylphenol	9.68	122	793459	55.647	ng		97
28) bis(2-Chloroethoxy)methane	9.92	93	1146045	47.030	ng		99
29) 2,4-Dichlorophenol	10.15	162	807605	49.327	ng		100
30) 1,2,4-Trichlorobenzene	10.36	180	770459	40.748	ng		99
31) Naphthalene	10.55	128	3135157	58.867	ng		99
32) Benzoic acid	9.85	122	629649	50.623	ng		96
33) 4-Chloroaniline	10.68	127	232134	9.751	ng		98
34) Hexachlorobutadiene	10.82	225	411879	37.529	ng		99
35) Caprolactam	11.55	113	214005m	32.028	ng		
36) 4-Chloro-3-methylphenol	11.80	107	974382	49.361	ng		100
37) 2-Methylnaphthalene	12.17	142	1995295	53.212	ng		99
38) 1-Methylnaphthalene	12.39	142	1829962	49.907	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	872946	41.630	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	987684	92.127 ng	97
43) 2,4,6-Trichlorophenol	12.79	196	657940	47.397 ng	99
44) 2,4,5-Trichlorophenol	12.86	196	726369	49.923 ng	99
46) 1,1'-Biphenyl	13.19	154	2437271	43.195 ng	99
47) 2-Chloronaphthalene	13.23	162	1885419	43.262 ng	99
48) 2-Nitroaniline	13.46	65	683269	47.206 ng	98
49) Acenaphthylene	14.09	152	3157870	48.662 ng	100
50) Dimethylphthalate	13.83	163	2534927	46.402 ng	99
51) 2,6-Dinitrotoluene	13.96	165	561809	47.474 ng	99
52) Acenaphthene	14.43	154	1809351	45.471 ng	99
53) 3-Nitroaniline	14.29	138	224352	16.779 ng	94
54) 2,4-Dinitrophenol	14.50	184	445028	60.759 ng	98
55) Dibenzofuran	14.76	168	2981356	45.585 ng	100
56) 4-Nitrophenol	14.60	139	928962	87.031 ng	98
57) 2,4-Dinitrotoluene	14.74	165	811829	49.790 ng	100
58) Fluorene	15.42	166	2468589	49.337 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	653229	50.793 ng	99
60) Diethylphthalate	15.19	149	2660020	47.203 ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1221999	43.559 ng	97
62) 4-Nitroaniline	15.46	138	505323	38.549 ng	98
63) Azobenzene	15.70	77	2835847	46.934 ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	382501	35.920 ng	99
66) n-Nitrosodiphenylamine	15.63	169	2182210	45.540 ng	100
67) 4-Bromophenyl-phenylether	16.30	248	734380	43.258 ng	97
68) Hexachlorobenzene	16.41	284	852995	43.227 ng	98
69) Atrazine	16.59	200	787970	51.007 ng	100
70) Pentachlorophenol	16.76	266	1134436	89.286 ng	99
71) Phenanthrene	17.16	178	3932684	48.248 ng	99
72) Anthracene	17.24	178	4040264	50.926 ng	99
73) Carbazole	17.53	167	3817299	46.055 ng	100
74) Di-n-butylphthalate	18.08	149	4684200	49.139 ng	100
75) Fluoranthene	19.17	202	4725333	50.188 ng	98
77) Benzidine	19.37	184	1373326	35.542 ng	99
78) Pyrene	19.54	202	4842283	48.595 ng	100
80) Butylbenzylphthalate	20.44	149	2355442	51.868 ng	99
81) Benzo(a)anthracene	21.29	228	4964620	49.641 ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	854039	21.607 ng	98
83) Chrysene	21.34	228	4596229	47.948 ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	3369526	50.696 ng	100
85) Di-n-octyl phthalate	22.10	149	5902774	52.840 ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4938481	44.622 ng	99
88) Benzo(b)fluoranthene	22.89	252	5073181	52.704 ng	100
89) Benzo(k)fluoranthene	22.93	252	4806379	50.155 ng	100
90) Benzo(a)pyrene	23.47	252	4648862	50.981 ng	99
91) Dibenzo(a,h)anthracene	25.87	278	4266511	47.225 ng	99
92) Benzo(g,h,i)perylene	26.57	276	3869948	46.012 ng	99

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

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