Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
Data File : BM018812.D
Acq On : 13 Feb 2019 21:25
Operator : JU/SJ
Sample : K1457-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-LIQUID-01MS

Manual Integrations APPROVED
Sohil
2/14/2019 1:50:36 PM

Quant Time: Feb 14 01:21:31 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	270607	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1165427	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	688136	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1580954	20.00	ng		0.00
76) Chrysene-d12	21.30	240	1731097	20.00	ng		0.00
87) Perylene-d12	23.56	264	1734774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2441579	147.83	ng		0.00
7) Phenol-d6	6.89	99	3156611	135.67	ng		0.00
23) Nitrobenzene-d5	8.88	82	2463104	97.72	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	1552296	156.49	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	4916286	94.84	ng		0.00
79) Terphenyl-d14	19.74	244	8326942	99.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	256627	35.675	ng		97
3) Pyridine	3.65	79	639724	32.603	ng		98
4) n-Nitrosodimethylamine	3.57	42	254171	50.919	ng		91
6) Aniline	7.05	93	1045095	36.660	ng		99
8) 2-Chlorophenol	7.27	128	871648	48.070	ng		98
9) Benzaldehyde	6.87	77	517175	40.924	ng	#	88
10) Phenol	6.92	94	1084402	44.295	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	841274	45.049	ng		99
12) 1,3-Dichlorobenzene	7.60	146	792936	38.889	ng		98
13) 1,4-Dichlorobenzene	7.75	146	822595	39.629	ng		99
14) 1,2-Dichlorobenzene	8.06	146	795409	39.893	ng		98
15) Benzyl Alcohol	7.96	79	917981	49.655	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	801110	44.323	ng		94
17) 2-Methylphenol	8.16	107	777311	49.887	ng		98
18) Hexachloroethane	8.77	117	366344	48.347	ng		98
19) n-Nitroso-di-n-propylamine	8.52	70	821092	45.579	ng		99
20) 3+4-Methylphenols	8.49	107	1084224	50.392	ng		98
22) Acetophenone	8.54	105	1386314	43.316	ng	#	99
24) Nitrobenzene	8.92	77	1216217	46.487	ng		99
25) Isophorone	9.44	82	2093854	52.065	ng		99
26) 2-Nitrophenol	9.62	139	468389	44.956	ng		97
27) 2,4-Dimethylphenol	9.68	122	855519	56.220	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	1222554	47.010	ng		100
29) 2,4-Dichlorophenol	10.15	162	853851	48.867	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	820634	40.668	ng		98
31) Naphthalene	10.55	128	3320280	58.416	ng		99
32) Benzoic acid	9.86	122	740203	55.762	ng		96
33) 4-Chloroaniline	10.67	127	698831	27.505	ng		100
34) Hexachlorobutadiene	10.82	225	444008	37.908	ng		99
35) Caprolactam	11.56	113	219718m	30.811	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1029158	48.852	ng		99
37) 2-Methylnaphthalene	12.17	142	2098636	52.442	ng		99
38) 1-Methylnaphthalene	12.39	142	1937563	49.513	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	916267	41.624	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1073100	95.348	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	698145	47.908	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	756308	49.516	ng	98
46) 1,1'-Biphenyl	13.19	154	2536687	42.825	ng	100
47) 2-Chloronaphthalene	13.23	162	1970441	43.069	ng	99
48) 2-Nitroaniline	13.46	65	721743	47.499	ng	99
49) Acenaphthylene	14.09	152	3311059	48.604	ng	99
50) Dimethylphthalate	13.83	163	2641262	46.056	ng	99
51) 2,6-Dinitrotoluene	13.96	165	584804	47.074	ng	99
52) Acenaphthene	14.43	154	1884789	45.121	ng	99
53) 3-Nitroaniline	14.29	138	449697	32.037	ng	100
54) 2,4-Dinitrophenol	14.50	184	437354	57.248	ng	98
55) Dibenzofuran	14.76	168	3092644	45.044	ng	99
56) 4-Nitrophenol	14.60	139	955034	85.231	ng	98
57) 2,4-Dinitrotoluene	14.75	165	829725	48.475	ng	99
58) Fluorene	15.42	166	2542101	48.397	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	683353	50.616	ng	98
60) Diethylphthalate	15.19	149	2739829	46.314	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1262746	42.877	ng	98
62) 4-Nitroaniline	15.46	138	550737	40.021	ng	98
63) Azobenzene	15.70	77	2942074	46.383	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	376904	33.955	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2244742	44.941	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	752552	42.527	ng	97
68) Hexachlorobenzene	16.41	284	876095	42.593	ng	98
69) Atrazine	16.59	200	796654	49.473	ng	99
70) Pentachlorophenol	16.76	266	1148124	86.691	ng	99
71) Phenanthrene	17.16	178	4036793	47.512	ng	100
72) Anthracene	17.24	178	4095533	49.525	ng	99
73) Carbazole	17.53	167	3854874	44.617	ng	99
74) Di-n-butylphthalate	18.08	149	4773037	48.036	ng	100
75) Fluoranthene	19.17	202	4699528	47.885	ng	98
77) Benzidine	19.37	184	1554433	39.871	ng	99
78) Pyrene	19.54	202	4867843	48.417	ng	100
80) Butylbenzylphthalate	20.44	149	2335407	50.969	ng	98
81) Benzo(a)anthracene	21.29	228	4923841	48.795	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1277762	32.040	ng	99
83) Chrysene	21.34	228	4629022	47.860	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3354914	50.026	ng	98
85) Di-n-octyl phthalate	22.09	149	5918673	52.511	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	5127731	45.920	ng	99
88) Benzo(b)fluoranthene	22.89	252	4950416	49.877	ng	100
89) Benzo(k)fluoranthene	22.93	252	5055280	51.160	ng	100
90) Benzo(a)pyrene	23.47	252	4735331	50.363	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4395555	47.186	ng	99
92) Benzo(g,h,i)perylene	26.56	276	3965131	45.721	ng	99

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

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