Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018653.D
Acq On : 25 Jan 2019 15:31
Operator : JU/SJ
Sample : K1157-13MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MSD

Manual Integrations APPROVED
mohammad
1/29/2019 12:26:59 AM

Quant Time: Jan 25 16:45:34 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	7.73	152	205407	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	804534	20.00	ng		0.00
39) Acenaphthene-d10	14.38	164	441888	20.00	ng		0.00
64) Phenanthrene-d10	17.13	188	988966	20.00	ng		0.00
76) Chrysene-d12	21.33	240	1180795	20.00	ng		0.00
87) Perylene-d12	23.59	264	1214740	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1170950	105.26	ng		0.00
7) Phenol-d6	6.90	99	1485695	105.15	ng		0.00
23) Nitrobenzene-d5	8.90	82	900935	64.92	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	570778	101.45	ng		-0.01
45) 2-Fluorobiphenyl	13.00	172	1983856	58.58	ng		0.00
79) Terphenyl-d14	19.76	244	3104336	55.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	121940	26.895	ng		95
3) Pyridine	3.66	79	309341	27.366	ng		96
4) n-Nitrosodimethylamine	3.58	42	170619	36.502	ng	#	95
6) Aniline	7.07	93	182318	11.568	ng		96
8) 2-Chlorophenol	7.30	128	450668	34.688	ng		95
9) Benzaldehyde	6.89	77	112170	11.353	ng		98
10) Phenol	6.93	94	534261	37.212	ng		100
11) bis(2-Chloroethyl)ether	7.17	93	375679	33.301	ng		96
12) 1,3-Dichlorobenzene	7.62	146	492907	31.857	ng		98
13) 1,4-Dichlorobenzene	7.76	146	501219	31.961	ng		99
14) 1,2-Dichlorobenzene	8.08	146	482563	32.452	ng		99
15) Benzyl Alcohol	7.98	79	353858	34.675	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	479644	33.269	ng		95
17) 2-Methylphenol	8.17	107	346336	35.537	ng		99
18) Hexachloroethane	8.80	117	183592	32.834	ng		96
19) n-Nitroso-di-n-propylamine	8.54	70	296133	32.207	ng		92
20) 3+4-Methylphenols	8.50	107	462557	34.381	ng		98
22) Acetophenone	8.56	105	609032	30.601	ng	#	97
24) Nitrobenzene	8.94	77	439554	32.189	ng		97
25) Isophorone	9.46	82	784922	37.350	ng		98
26) 2-Nitrophenol	9.65	139	240199	36.378	ng		96
27) 2,4-Dimethylphenol	9.70	122	382027	38.601	ng		98
28) bis(2-Chloroethoxy)methane	9.94	93	495240	34.112	ng		99
29) 2,4-Dichlorophenol	10.17	162	410924	34.869	ng		98
30) 1,2,4-Trichlorobenzene	10.38	180	462905	31.646	ng		98
31) Naphthalene	10.57	128	1344325	34.695	ng		100
32) Benzoic acid	9.82	122	254131m	39.474	ng		
33) 4-Chloroaniline	10.70	127	132326	8.672	ng		98
34) Hexachlorobutadiene	10.84	225	282435	30.563	ng		99
35) Caprolactam	11.50	113	117519m	29.331	ng		
36) 4-Chloro-3-methylphenol	11.82	107	420012	33.971	ng		97
37) 2-Methylnaphthalene	12.19	142	954623	34.871	ng		99
38) 1-Methylnaphthalene	12.41	142	909688	34.343	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	500508	32.390	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	551272	65.002	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	333322	35.521	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	353622	35.832	ng		98
46) 1,1'-Biphenyl	13.21	154	1197778	31.044	ng		99
47) 2-Chloronaphthalene	13.25	162	935987	31.283	ng		100
48) 2-Nitroaniline	13.47	65	247686	33.648	ng		93
49) Acenaphthylene	14.10	152	1516387	34.777	ng		100
50) Dimethylphthalate	13.84	163	1358328	37.429	ng		99
51) 2,6-Dinitrotoluene	13.97	165	257231	33.462	ng		94
52) Acenaphthene	14.44	154	861565	32.294	ng		97
53) 3-Nitroaniline	14.30	138	190014	24.518	ng		97
54) 2,4-Dinitrophenol	14.51	184	294519	71.603	ng	#	88
55) Dibenzofuran	14.78	168	1396091	31.671	ng		99
56) 4-Nitrophenol	14.62	139	472841	70.623	ng		95
57) 2,4-Dinitrotoluene	14.76	165	357431	32.862	ng		99
58) Fluorene	15.43	166	1120089	34.110	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	321511	36.754	ng		98
60) Diethylphthalate	15.21	149	1186403	32.383	ng		100
61) 4-Chlorophenyl-phenylether	15.43	204	571346	30.189	ng		98
62) 4-Nitroaniline	15.47	138	247659	29.297	ng		94
63) Azobenzene	15.72	77	934036	31.270	ng		96
65) 4,6-Dinitro-2-methylphenol	15.52	198	196803	33.106	ng		92
66) n-Nitrosodiphenylamine	15.64	169	986164	32.146	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	343323	31.022	ng		97
68) Hexachlorobenzene	16.43	284	386472	31.193	ng		98
69) Atrazine	16.60	200	360153	32.474	ng		99
70) Pentachlorophenol	16.78	266	516053	63.599	ng		98
71) Phenanthrene	17.17	178	1855495	35.274	ng		99
72) Anthracene	17.26	178	1801536	35.615	ng		100
73) Carbazole	17.54	167	1691633	32.551	ng		99
74) Di-n-butylphthalate	18.10	149	2063693	36.253	ng		99
75) Fluoranthene	19.19	202	2367747	39.041	ng		99
77) Benzidine	19.39	184	489880	16.802	ng		99
78) Pyrene	19.56	202	2443652	34.914	ng		100
80) Butylbenzylphthalate	20.46	149	1022092	34.222	ng		96
81) Benzo(a)anthracene	21.31	228	2453224	35.266	ng		100
82) 3,3'-Dichlorobenzidine	21.25	252	536665	20.402	ng		99
83) Chrysene	21.36	228	2345421	34.916	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1608571	37.299	ng		100
85) Di-n-octyl phthalate	22.12	149	2728642	37.618	ng		95
86) Indeno(1,2,3-cd)pyrene	25.90	276	2741600	35.395	ng		97
88) Benzo(b)fluoranthene	22.91	252	2483771	36.016	ng		99
89) Benzo(k)fluoranthene	22.96	252	2326624	33.477	ng		98
90) Benzo(a)pyrene	23.50	252	2357295	35.704	ng		97
91) Dibenzo(a,h)anthracene	25.91	278	2287346	34.192	ng		100
92) Benzo(g,h,i)perylene	26.61	276	2284159	35.087	ng		98

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

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