Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018549.D
Acq On : 11 Jan 2019 23:56
Operator : JU/SJ
Sample : PB116317BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116317BSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:11 PM

Quant Time: Jan 12 01:13:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	284039	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1252370	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	791062	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1981858	20.00	ng		0.00
76) Chrysene-d12	21.34	240	2509412	20.00	ng		0.00
87) Perylene-d12	23.63	264	2943723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1947083	126.58	ng		0.00
7) Phenol-d6	6.93	99	2609596	133.57	ng		0.00
23) Nitrobenzene-d5	8.92	82	1511261	69.95	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1261618	125.25	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	4079684	67.29	ng		0.00
79) Terphenyl-d14	19.79	244	7707452	64.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	153236	24.441	ng		98
3) Pyridine	3.68	79	455085	29.114	ng		98
4) n-Nitrosodimethylamine	3.60	42	246553	38.145	ng	#	93
6) Aniline	7.09	93	309757	14.213	ng		97
8) 2-Chlorophenol	7.32	128	747375	41.600	ng		95
9) Benzaldehyde	6.91	77	204587	15.398	ng		98
10) Phenol	6.96	94	859794	43.307	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	554336	35.534	ng		96
12) 1,3-Dichlorobenzene	7.64	146	719241	33.616	ng		99
13) 1,4-Dichlorobenzene	7.79	146	739536	34.103	ng		97
14) 1,2-Dichlorobenzene	8.10	146	714764	34.761	ng		99
15) Benzyl Alcohol	8.00	79	608658	43.132	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	698658	35.045	ng		95
17) 2-Methylphenol	8.20	107	602570	44.713	ng		98
18) Hexachloroethane	8.82	117	262664	33.971	ng		97
19) n-Nitroso-di-n-propylamine	8.56	70	476914	37.509	ng		92
20) 3+4-Methylphenols	8.53	107	826645	44.434	ng		99
22) Acetophenone	8.58	105	982533	31.715	ng	#	97
24) Nitrobenzene	8.96	77	727092	34.206	ng		96
25) Isophorone	9.48	82	1332241	40.724	ng		97
26) 2-Nitrophenol	9.67	139	399719	38.890	ng		96
27) 2,4-Dimethylphenol	9.72	122	687810	44.646	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	811597	35.913	ng		99
29) 2,4-Dichlorophenol	10.20	162	755209	41.168	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	739161	32.463	ng		98
31) Naphthalene	10.60	128	2221619	36.834	ng		98
32) Benzoic acid	9.86	122	490683m	47.400	ng		
33) 4-Chloroaniline	10.72	127	259065	10.906	ng		99
34) Hexachlorobutadiene	10.86	225	436079	30.315	ng		99
35) Caprolactam	11.52	113	249936m	40.073	ng		
36) 4-Chloro-3-methylphenol	11.85	107	818115	42.509	ng		98
37) 2-Methylnaphthalene	12.21	142	1693868	39.749	ng		99
38) 1-Methylnaphthalene	12.43	142	1619879	39.286	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	881658	31.871	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1046425	68.924	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	645141	38.404	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	712103	40.306	ng		98
46) 1,1'-Biphenyl	13.23	154	2223167	32.186	ng		98
47) 2-Chloronaphthalene	13.27	162	1731872	32.334	ng		99
48) 2-Nitroaniline	13.49	65	501342	38.045	ng		95
49) Acenaphthylene	14.13	152	2926345	37.490	ng		100
50) Dimethylphthalate	13.86	163	2346304	36.115	ng		99
51) 2,6-Dinitrotoluene	13.99	165	525928	38.217	ng		94
52) Acenaphthene	14.47	154	1672563	35.020	ng		98
53) 3-Nitroaniline	14.33	138	216070	15.574	ng		94
54) 2,4-Dinitrophenol	14.53	184	576748	77.650	ng		92
55) Dibenzofuran	14.80	168	2773661	35.148	ng		98
56) 4-Nitrophenol	14.64	139	1039639	86.740	ng		95
57) 2,4-Dinitrotoluene	14.78	165	773876	39.745	ng		96
58) Fluorene	15.46	166	2275197	38.704	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	671901	42.906	ng		97
60) Diethylphthalate	15.23	149	2453352	37.407	ng		100
61) 4-Chlorophenyl-phenylether	15.45	204	1166690	34.435	ng		98
62) 4-Nitroaniline	15.49	138	559983	37.004	ng		99
63) Azobenzene	15.74	77	1923809	35.977	ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	407341	34.016	ng		86
66) n-Nitrosodiphenylamine	15.67	169	2060247	33.513	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	725195	32.699	ng		98
68) Hexachlorobenzene	16.45	284	820628	33.052	ng		98
69) Atrazine	16.62	200	810267	36.458	ng		97
70) Pentachlorophenol	16.80	266	1141519	70.202	ng		99
71) Phenanthrene	17.20	178	3889211	36.894	ng		100
72) Anthracene	17.29	178	3951698	38.984	ng		100
73) Carbazole	17.56	167	3773593	36.234	ng		100
74) Di-n-butylphthalate	18.12	149	4432092	38.852	ng		99
75) Fluoranthene	19.22	202	4938626	40.635	ng		98
77) Benzidine	19.41	184	2061849	33.277	ng		99
78) Pyrene	19.58	202	5235377	35.197	ng		100
80) Butylbenzylphthalate	20.48	149	2314580	36.467	ng		98
81) Benzo(a)anthracene	21.33	228	5594139	37.841	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	1078887	19.299	ng		100
83) Chrysene	21.39	228	5225767	36.606	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	3326793	36.298	ng		99
85) Di-n-octyl phthalate	22.14	149	6122112	39.715	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.95	276	7953946	48.319	ng		97
88) Benzo(b)fluoranthene	22.94	252	6115387	36.592	ng		99
89) Benzo(k)fluoranthene	22.99	252	5988155	35.554	ng		98
90) Benzo(a)pyrene	23.53	252	6156861	38.482	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	6647125	41.003	ng		98
92) Benzo(g,h,i)perylene	26.66	276	6630751	42.031	ng		97

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

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