Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112641.D
Acq On : 20 Feb 2019 14:53
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1MSD

Manual Integrations APPROVED
Sohil
2/21/2019 10:09:55 AM

Quant Time: Feb 21 10:00:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 20 16:59:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77327	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	290318	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	148305	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	284592	20.00	ng		0.00
76) Chrysene-d12	14.00	240	207257	20.00	ng		0.00
87) Perylene-d12	15.47	264	202337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	139360	38.28	ng		0.02
7) Phenol-d6	6.49	99	203451	40.22	ng		0.00
23) Nitrobenzene-d5	7.40	82	496946	98.63	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	242567	140.52	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1036949	98.89	ng		0.00
79) Terphenyl-d14	12.93	244	1059195	96.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	30494	21.027	ng	#	89
3) Pyridine	3.33	79	54492m	14.771	ng		
4) n-Nitrosodimethylamine	3.28	42	40597	26.193	ng		83
6) Aniline	6.50	93	180918	30.064	ng	#	94
8) 2-Chlorophenol	6.63	128	184858	37.746	ng		98
9) Benzaldehyde	6.37	77	890305	336.719	ng	#	1
10) Phenol	6.50	94	82321	14.833	ng	#	7
11) bis(2-Chloroethyl)ether	6.58	93	209815	48.019	ng		96
12) 1,3-Dichlorobenzene	6.77	146	253628	44.468	ng		97
13) 1,4-Dichlorobenzene	6.85	146	263513	44.892	ng		98
14) 1,2-Dichlorobenzene	7.01	146	217187m	39.519	ng		
15) Benzyl Alcohol	6.98	79	132044	30.965	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	249603	44.491	ng	#	1
17) 2-Methylphenol	7.10	107	123083	31.704	ng	#	22
18) Hexachloroethane	7.36	117	534932	259.517	ng	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	168426	48.285	ng		98
20) 3+4-Methylphenols	7.26	107	151410	30.498	ng	#	65
22) Acetophenone	7.24	105	306839	43.405	ng	#	92
24) Nitrobenzene	7.42	77	288255	57.284	ng		97
25) Isophorone	7.65	82	436407	55.211	ng		99
26) 2-Nitrophenol	7.73	139	122535	45.566	ng	#	91
27) 2,4-Dimethylphenol	7.77	122	169086	45.637	ng		91
28) bis(2-Chloroethoxy)methane	7.86	93	271350	50.417	ng		97
29) 2,4-Dichlorophenol	7.99	162	181990	43.893	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	225395	47.293	ng		98
31) Naphthalene	8.15	128	5107953	376.234	ng		96
32) Benzoic acid	7.96	122	205116	97.053	ng		99
33) 4-Chloroaniline	8.19	127	196368	33.218	ng		100
34) Hexachlorobutadiene	8.24	225	130470	46.651	ng		99
35) Caprolactam	8.68	113	13492	9.224	ng	#	82
36) 4-Chloro-3-methylphenol	8.67	107	176302	40.167	ng		93
37) 2-Methylnaphthalene	8.82	142	1386002	149.125	ng	#	95
38) 1-Methylnaphthalene	8.92	142	829292	93.091	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	222941	45.784	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	96046	55.366 ng		98
43) 2,4,6-Trichlorophenol	9.11	196	134512	44.814 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	138098	44.022 ng		95
46) 1,1'-Biphenyl	9.28	154	611280	47.147 ng		98
47) 2-Chloronaphthalene	9.31	162	462914	46.042 ng		95
48) 2-Nitroaniline	9.42	65	130978	47.796 ng		95
49) Acenaphthylene	9.72	152	736994	50.011 ng		98
50) Dimethylphthalate	9.58	163	556013	48.254 ng		99
51) 2,6-Dinitrotoluene	9.65	165	123664	47.921 ng	#	73
52) Acenaphthene	9.89	154	430726	48.928 ng		98
53) 3-Nitroaniline	9.83	138	75570	27.030 ng		88
54) 2,4-Dinitrophenol	9.96	184	80327	96.991 ng		92
55) Dibenzofuran	10.07	168	643896	47.864 ng		95
56) 4-Nitrophenol	10.07	139	292612	197.966 ng	#	17
57) 2,4-Dinitrotoluene	10.07	165	161294	49.096 ng	#	68
58) Fluorene	10.41	166	533917	53.036 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	104528	44.093 ng	#	89
60) Diethylphthalate	10.27	149	583278	51.009 ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	258900	47.278 ng		96
62) 4-Nitroaniline	10.45	138	103982	37.919 ng		90
63) Azobenzene	10.56	77	496221	49.342 ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	58266	36.517 ng		93
66) n-Nitrosodiphenylamine	10.52	169	460296	47.990 ng		100
67) 4-Bromophenyl-phenylether	10.89	248	155081	46.331 ng		98
68) Hexachlorobenzene	10.97	284	168994	47.058 ng		97
69) Atrazine	11.05	200	133513	43.140 ng		95
70) Pentachlorophenol	11.17	266	112569	80.560 ng		98
71) Phenanthrene	11.37	178	756368	51.121 ng		98
72) Anthracene	11.43	178	781987	53.058 ng		99
73) Carbazole	11.59	167	652290	44.868 ng		98
74) Di-n-butylphthalate	11.90	149	916279	50.777 ng		98
75) Fluoranthene	12.57	202	747444	47.101 ng		97
78) Pyrene	12.80	202	737853	51.421 ng		98
80) Butylbenzylphthalate	13.39	149	360487	51.925 ng	#	90
81) Benzo(a)anthracene	13.99	228	617299	50.666 ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	17211	3.775 ng		97
83) Chrysene	14.03	228	586410	50.423 ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	518414	52.606 ng		98
85) Di-n-octyl phthalate	14.56	149	837209	55.218 ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	674627	73.207 ng		96
88) Benzo(b)fluoranthene	15.04	252	608940	50.323 ng		99
89) Benzo(k)fluoranthene	15.07	252	549587	47.416 ng		99
90) Benzo(a)pyrene	15.41	252	562397	51.652 ng		99
91) Dibenzo(a,h)anthracene	16.97	278	562972	64.155 ng		99
92) Benzo(g,h,i)perylene	17.42	276	561609	67.835 ng		95

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

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