Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116907.D
Acq On : 9 Sep 2019 20:06
Operator : HP/JU
Sample : K4752-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-07-COMPMSD

Manual Integrations APPROVED
mohammad
9/12/2019 9:28:10 AM

Quant Time: Sep 10 03:32:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	70976	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	288744	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	151232	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	262979	20.00	ng		-0.02
76) Chrysene-d12	13.99	240	217172	20.00	ng		-0.01
87) Perylene-d12	15.43	264	213970	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	405004	92.44	ng		0.00
7) Phenol-d6	6.47	99	567698	98.68	ng		-0.01
23) Nitrobenzene-d5	7.39	82	343008	67.82	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	129376	127.97	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	608554	67.88	ng		-0.02
79) Terphenyl-d14	12.93	244	666886	56.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	60103	29.718	ng		97
3) Pyridine	3.34	79	145849	24.907	ng		95
4) n-Nitrosodimethylamine	3.27	42	60633	30.154	ng		81
6) Aniline	6.49	93	184802	23.193	ng		95
8) 2-Chlorophenol	6.62	128	177557	37.126	ng		98
9) Benzaldehyde	6.38	77	112120	29.583	ng		97
10) Phenol	6.48	94	237209	37.237	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	164664	33.197	ng		97
12) 1,3-Dichlorobenzene	6.77	146	184845	34.197	ng		97
13) 1,4-Dichlorobenzene	6.85	146	187428	34.829	ng		97
14) 1,2-Dichlorobenzene	7.00	146	177275	35.547	ng		95
15) Benzyl Alcohol	6.97	79	164703	35.270	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	160468	27.574	ng		89
17) 2-Methylphenol	7.09	107	153879	36.755	ng		99
18) Hexachloroethane	7.35	117	70233	33.592	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	127519	33.665	ng		91
20) 3+4-Methylphenols	7.24	107	192511	39.547	ng	#	73
22) Acetophenone	7.24	105	261105	37.561	ng		96
24) Nitrobenzene	7.42	77	196028	38.107	ng		93
25) Isophorone	7.65	82	354743	34.612	ng		99
26) 2-Nitrophenol	7.73	139	90116	47.120	ng		91
27) 2,4-Dimethylphenol	7.77	122	156331	40.474	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	212980	34.005	ng		99
29) 2,4-Dichlorophenol	7.97	162	149764	40.347	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	143406	35.619	ng		95
31) Naphthalene	8.14	128	510227	37.161	ng		100
32) Benzoic acid	7.88	122	73453	33.680	ng		97
33) 4-Chloroaniline	8.19	127	85657	13.705	ng		97
34) Hexachlorobutadiene	8.26	225	79030	36.001	ng		98
35) Caprolactam	8.54	113	50221m	36.152	ng		
36) 4-Chloro-3-methylphenol	8.67	107	175915	41.234	ng		99
37) 2-Methylnaphthalene	8.83	142	349246	38.230	ng		97
38) 1-Methylnaphthalene	8.93	142	323265	37.486	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	134629	37.136	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	144649	69.094	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	98458	39.619	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	109518	42.449	ng		98
46) 1,1'-Biphenyl	9.29	154	413516	36.034	ng		98
47) 2-Chloronaphthalene	9.32	162	329070	36.205	ng		98
48) 2-Nitroaniline	9.41	65	110839	42.181	ng		99
49) Acenaphthylene	9.73	152	527362	38.383	ng		99
50) Dimethylphthalate	9.59	163	472837	45.287	ng		99
51) 2,6-Dinitrotoluene	9.65	165	86408	43.376	ng		91
52) Acenaphthene	9.90	154	310744	36.809	ng		99
53) 3-Nitroaniline	9.82	138	65567	26.264	ng		88
54) 2,4-Dinitrophenol	9.93	184	59518	83.728	ng	#	89
55) Dibenzofuran	10.07	168	460627	38.706	ng		96
56) 4-Nitrophenol	9.99	139	152181	88.903	ng		96
57) 2,4-Dinitrotoluene	10.06	165	119074	48.885	ng		96
58) Fluorene	10.42	166	374248	41.272	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	83932	45.076	ng		95
60) Diethylphthalate	10.29	149	390663	37.353	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	157537	39.674	ng		91
62) 4-Nitroaniline	10.43	138	106303	43.877	ng		95
63) Azobenzene	10.57	77	408903	37.495	ng		92
65) 4,6-Dinitro-2-methylphenol	10.46	198	47532	48.909	ng		81
66) n-Nitrosodiphenylamine	10.53	169	330228	36.299	ng		97
67) 4-Bromophenyl-phenylether	10.89	248	95161	35.621	ng		95
68) Hexachlorobenzene	10.97	284	99869	35.730	ng		98
69) Atrazine	11.05	200	96255	37.778	ng		96
70) Pentachlorophenol	11.16	266	111390	82.382	ng		98
71) Phenanthrene	11.37	178	555245	37.929	ng		99
72) Anthracene	11.43	178	570267	38.698	ng		99
73) Carbazole	11.58	167	551299	39.274	ng		98
74) Di-n-butylphthalate	11.91	149	653003	36.287	ng		100
75) Fluoranthene	12.56	202	592830	41.207	ng		100
77) Benzidine	12.68	184	315364	37.023	ng		100
78) Pyrene	12.79	202	614537	31.833	ng		100
80) Butylbenzylphthalate	13.40	149	302553	32.227	ng		93
81) Benzo(a)anthracene	13.97	228	513381	37.351	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	114396	24.628	ng		99
83) Chrysene	14.02	228	511073	36.092	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	413016	35.639	ng		99
85) Di-n-octyl phthalate	14.57	149	714587	37.680	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	429998	37.805	ng		98
88) Benzo(b)fluoranthene	15.02	252	446653	34.527	ng		99
89) Benzo(k)fluoranthene	15.04	252	456388	38.693	ng		98
90) Benzo(a)pyrene	15.37	252	426872	37.928	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	357986	36.339	ng		97
92) Benzo(g,h,i)perylene	17.32	276	355756	35.409	ng		99

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

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