Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121459.D
Acq On : 28 Aug 2020 14:52
Operator : JU/CG
Sample : L3507-13MS 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-082720MS

Quant Time: Aug 28 16:19:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	309923	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1211216	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	641504	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1210210	20.00	ng		0.00
76) Chrysene-d12	14.02	240	813605	20.00	ng		0.00
86) Perylene-d12	15.49	264	767984	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	305936	16.56	ng		-0.01
7) Phenol-d6	6.47	99	395272	15.31	ng		-0.02
23) Nitrobenzene-d5	7.42	82	239475	13.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	112906	17.43	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	513488	12.92	ng		-0.01
79) Terphenyl-d14	12.97	244	520535	13.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	74703	8.480	ng		99
3) Pyridine	3.39	79	163382	6.810	ng		98
4) n-Nitrosodimethylamine	3.32	42	97948	9.237	ng		96
6) Aniline	6.52	93	167768	5.477	ng		98
8) 2-Chlorophenol	6.64	128	204574	10.912	ng		94
9) Benzaldehyde	6.40	77	121551	6.245	ng		99
10) Phenol	6.49	94	261813	10.368	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	200503	9.772	ng		100
12) 1,3-Dichlorobenzene	6.80	146	218711	9.689	ng		97
13) 1,4-Dichlorobenzene	6.87	146	217943	9.634	ng		100
14) 1,2-Dichlorobenzene	7.03	146	209427	9.942	ng		97
15) Benzyl Alcohol	6.99	79	173292	10.228	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	289870	9.537	ng		99
17) 2-Methylphenol	7.10	107	167153	10.247	ng		98
18) Hexachloroethane	7.37	117	77242	9.977	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	152810	10.592	ng		99
20) 3+4-Methylphenols	7.25	107	218873	11.088	ng	#	73
22) Acetophenone	7.26	105	295328	9.893	ng	#	97
24) Nitrobenzene	7.43	77	210752	11.867	ng		97
25) Isophorone	7.67	82	402209	10.093	ng		99
26) 2-Nitrophenol	7.75	139	85333	18.128	ng		90
27) 2,4-Dimethylphenol	7.79	122	184560	11.167	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	256062	9.450	ng		98
29) 2,4-Dichlorophenol	7.99	162	164749	10.096	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	184154	9.212	ng		99
31) Naphthalene	8.16	128	746143	12.408	ng		98
32) Benzoic acid	7.86	122	80691	15.775	ng		97
33) 4-Chloroaniline	8.20	127	128024	4.780	ng		98
34) Hexachlorobutadiene	8.29	225	105401	8.866	ng		99
35) Caprolactam	8.55	113	55547	10.436	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	175830	10.219	ng		100
37) 2-Methylnaphthalene	8.85	142	479977	12.048	ng		99
38) 1-Methylnaphthalene	8.95	142	443680	11.794	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	189611	9.971	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	94724	11.845 ng		96
43) 2,4,6-Trichlorophenol	9.13	196	122378	10.182 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	129062	10.859 ng		99
46) 1,1'-Biphenyl	9.32	154	518242	10.706 ng		98
47) 2-Chloronaphthalene	9.34	162	376242	9.456 ng		98
48) 2-Nitroaniline	9.43	65	108876	15.047 ng		93
49) Acenaphthylene	9.76	152	649676	10.886 ng		97
50) Dimethylphthalate	9.61	163	488857	11.094 ng		99
51) 2,6-Dinitrotoluene	9.67	165	86342	15.475 ng		97
52) Acenaphthene	9.93	154	428380	11.367 ng		99
53) 3-Nitroaniline	9.84	138	74161	11.699 ng		98
54) 2,4-Dinitrophenol	9.95	184	18758	16.427 ng		96
55) Dibenzofuran	10.10	168	612604	11.191 ng		100
56) 4-Nitrophenol	9.99	139	155508	24.339 ng		89
57) 2,4-Dinitrotoluene	10.07	165	106460	16.160 ng		93
58) Fluorene	10.45	166	545298	13.214 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	107071	10.820 ng	#	97
60) Diethylphthalate	10.32	149	455702	10.293 ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	210875	10.199 ng		95
62) 4-Nitroaniline	10.45	138	88044	11.939 ng		93
63) Azobenzene	10.60	77	443871	10.139 ng		96
65) 4,6-Dinitro-2-methylphenol	10.48	198	18198	13.283 ng		96
66) n-Nitrosodiphenylamine	10.55	169	382039	9.981 ng		99
67) 4-Bromophenyl-phenylether	10.93	248	127276	9.560 ng		97
68) Hexachlorobenzene	10.99	284	141107	9.064 ng		97
69) Atrazine	11.07	200	108302	9.756 ng		100
70) Pentachlorophenol	11.18	266	151101	21.245 ng		100
71) Phenanthrene	11.41	178	1363192	21.950 ng		98
72) Anthracene	11.46	178	857617	14.040 ng		97
73) Carbazole	11.61	167	648558	11.011 ng		97
74) Di-n-butylphthalate	11.95	149	759971	11.614 ng		98
75) Fluoranthene	12.60	202	1666148	24.892 ng		97
77) Benzidine	12.72	184	250190	14.100 ng		98
78) Pyrene	12.82	202	1561181	26.868 ng		98
80) Butylbenzylphthalate	13.45	149	293442	13.109 ng		96
81) Benzo(a)anthracene	14.01	228	934162	18.809 ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	137491	7.558 ng		99
83) Chrysene	14.05	228	858742	17.282 ng		97
84) Bis(2-ethylhexyl)phthalate	14.01	149	402406	13.918 ng		99
85) Di-n-octyl phthalate	14.62	149	645847	13.181 ng		97
87) Indeno(1,2,3-cd)pyrene	16.95	276	709883	15.023 ng		98
88) Benzo(b)fluoranthene	15.06	252	845920	16.933 ng		99
89) Benzo(k)fluoranthene	15.09	252	631432	13.589 ng		99
90) Benzo(a)pyrene	15.43	252	722143	16.076 ng		99
91) Dibenzo(a,h)anthracene	16.97	278	480431	12.421 ng		98
92) Benzo(g,h,i)perylene	17.39	276	624680	16.765 ng		98

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

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