Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121460.D
Acq On : 28 Aug 2020 15:23
Operator : JU/CG
Sample : L3507-13MSD 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-082720MSD

Quant Time: Aug 28 16:18:23 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	299619	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1156626	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	600398	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1050627	20.00	ng		0.00
76) Chrysene-d12	14.02	240	696395	20.00	ng		0.00
86) Perylene-d12	15.49	264	770978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	293832	16.45	ng		-0.01
7) Phenol-d6	6.47	99	379609	15.21	ng		-0.02
23) Nitrobenzene-d5	7.42	82	228696	13.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	98954	16.32	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	485237	13.04	ng		-0.01
79) Terphenyl-d14	12.97	244	409891	12.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	72668	8.532	ng		98
3) Pyridine	3.39	79	167408	7.218	ng		98
4) n-Nitrosodimethylamine	3.32	42	92503	9.023	ng	#	93
6) Aniline	6.52	93	159744	5.395	ng		99
8) 2-Chlorophenol	6.64	128	197110	10.875	ng		96
9) Benzaldehyde	6.40	77	117589	6.251	ng		99
10) Phenol	6.49	94	249186	10.207	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	193298	9.745	ng		99
12) 1,3-Dichlorobenzene	6.80	146	209684	9.608	ng		98
13) 1,4-Dichlorobenzene	6.87	146	210651	9.632	ng		99
14) 1,2-Dichlorobenzene	7.03	146	200340	9.838	ng		99
15) Benzyl Alcohol	6.99	79	164254	10.028	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	277083	9.429	ng		99
17) 2-Methylphenol	7.10	107	160640	10.186	ng		98
18) Hexachloroethane	7.37	117	70822	9.462	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	145211	10.412	ng		96
20) 3+4-Methylphenols	7.25	107	205982	10.794	ng	#	72
22) Acetophenone	7.26	105	283021	9.928	ng	#	97
24) Nitrobenzene	7.43	77	200419	11.818	ng		99
25) Isophorone	7.67	82	380926	10.010	ng		98
26) 2-Nitrophenol	7.76	139	79399	17.823	ng		99
27) 2,4-Dimethylphenol	7.79	122	174202	11.038	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	239709	9.264	ng		99
29) 2,4-Dichlorophenol	7.99	162	155851	10.001	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	176599	9.251	ng		99
31) Naphthalene	8.16	128	711837	12.397	ng		98
32) Benzoic acid	7.85	122	70757	15.093	ng		96
33) 4-Chloroaniline	8.20	127	130215	5.091	ng		98
34) Hexachlorobutadiene	8.29	225	102703	9.047	ng		99
35) Caprolactam	8.55	113	52099	10.251	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	165532	10.075	ng		99
37) 2-Methylnaphthalene	8.86	142	453558	11.922	ng		98
38) 1-Methylnaphthalene	8.95	142	420832	11.715	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	176864	9.937	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	52586	7.026	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	113065	10.051	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	117274	10.543	ng		99
46) 1,1'-Biphenyl	9.32	154	487439	10.759	ng		98
47) 2-Chloronaphthalene	9.34	162	351243	9.432	ng		98
48) 2-Nitroaniline	9.43	65	100577	14.938	ng		95
49) Acenaphthylene	9.76	152	606094	10.851	ng		97
50) Dimethylphthalate	9.62	163	452409	10.970	ng		98
51) 2,6-Dinitrotoluene	9.67	165	79454	15.324	ng		99
52) Acenaphthene	9.93	154	392481	11.128	ng		99
53) 3-Nitroaniline	9.84	138	69971	11.750	ng		95
54) 2,4-Dinitrophenol	9.95	184	8557	10.182	ng	#	78
55) Dibenzofuran	10.10	168	564880	11.025	ng		96
56) 4-Nitrophenol	9.99	139	137402	23.417	ng		90
57) 2,4-Dinitrotoluene	10.07	165	93229	15.589	ng	#	99
58) Fluorene	10.45	166	502785	13.018	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	97143	10.489	ng	#	98
60) Diethylphthalate	10.32	149	425180	10.261	ng		97
61) 4-Chlorophenyl-phenylether	10.44	204	193383	9.993	ng		96
62) 4-Nitroaniline	10.45	138	82305	11.931	ng		96
63) Azobenzene	10.60	77	402060	9.812	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	10326	10.815	ng		95
66) n-Nitrosodiphenylamine	10.55	169	354308	10.663	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	113579	9.827	ng		95
68) Hexachlorobenzene	10.99	284	124051	9.178	ng		99
69) Atrazine	11.08	200	94951	9.853	ng		98
70) Pentachlorophenol	11.18	266	123383	19.982	ng		99
71) Phenanthrene	11.41	178	1165298	21.613	ng		97
72) Anthracene	11.46	178	747285	14.092	ng		96
73) Carbazole	11.61	167	541975	10.599	ng		97
74) Di-n-butylphthalate	11.95	149	648564	11.417	ng		98
75) Fluoranthene	12.60	202	1360535	23.414	ng		96
77) Benzidine	12.72	184	238495	15.703	ng		99
78) Pyrene	12.83	202	1257411	25.282	ng		97
80) Butylbenzylphthalate	13.45	149	225691	11.779	ng		94
81) Benzo(a)anthracene	14.01	228	777473	18.289	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	135070	8.675	ng		98
83) Chrysene	14.05	228	738038	17.353	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	313932	12.686	ng		99
85) Di-n-octyl phthalate	14.62	149	523490	12.482	ng		98
87) Indeno(1,2,3-cd)pyrene	16.96	276	670246	14.129	ng		98
88) Benzo(b)fluoranthene	15.06	252	886191	17.670	ng		99
89) Benzo(k)fluoranthene	15.09	252	532741	11.420	ng		99
90) Benzo(a)pyrene	15.43	252	709417	15.731	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	448616	11.553	ng		99
92) Benzo(g,h,i)perylene	17.40	276	564973	15.104	ng		99

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

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