Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121306.D
Acq On : 17 Aug 2020 13:12
Operator : JU/CG
Sample : L3659-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP1-3MS

Quant Time: Aug 17 13:42:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	38456	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	152970	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	80130	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	165466	20.00	ng		0.00
76) Chrysene-d12	13.86	240	161367	20.00	ng		0.00
86) Perylene-d12	15.27	264	172796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	224344	88.44	ng		0.00
7) Phenol-d6	6.34	99	269781	82.53	ng		0.00
23) Nitrobenzene-d5	7.27	82	172780	61.73	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	87629	88.82	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	354903	61.27	ng		0.00
79) Terphenyl-d14	12.80	244	444632	53.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	37030	34.304	ng		97
3) Pyridine	2.96	79	75966	27.034	ng		99
4) n-Nitrosodimethylamine	2.88	42	42918	37.293	ng		93
6) Aniline	6.36	93	56254	14.518	ng	#	75
8) 2-Chlorophenol	6.49	128	100100	35.888	ng		97
9) Benzaldehyde	6.25	77	59396	35.261	ng		92
10) Phenol	6.36	94	129654	36.565	ng		78
11) bis(2-Chloroethyl)ether	6.44	93	92957	36.319	ng		97
12) 1,3-Dichlorobenzene	6.64	146	103299	35.050	ng		97
13) 1,4-Dichlorobenzene	6.72	146	104342	35.028	ng		99
14) 1,2-Dichlorobenzene	6.87	146	99929	35.544	ng		98
15) Benzyl Alcohol	6.85	79	78119	35.677	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	131642	35.718	ng		99
17) 2-Methylphenol	6.97	107	80820	36.682	ng		98
18) Hexachloroethane	7.22	117	36576	34.722	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	65431	36.027	ng		98
20) 3+4-Methylphenols	7.12	107	103955	37.189	ng	#	63
22) Acetophenone	7.12	105	137836	34.984	ng		96
24) Nitrobenzene	7.29	77	100788	33.186	ng		99
25) Isophorone	7.53	82	184143	32.768	ng		98
26) 2-Nitrophenol	7.60	139	50236	34.139	ng		95
27) 2,4-Dimethylphenol	7.65	122	87158	36.967	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	116707	37.130	ng		99
29) 2,4-Dichlorophenol	7.85	162	81208	33.682	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	88383	33.214	ng		98
31) Naphthalene	8.01	128	288385	33.509	ng		100
32) Benzoic acid	7.75	122	39812	33.279	ng		98
33) 4-Chloroaniline	8.06	127	48083	13.691	ng		99
34) Hexachlorobutadiene	8.13	225	51596	32.046	ng		99
35) Caprolactam	8.41	113	25960	35.747	ng		94
36) 4-Chloro-3-methylphenol	8.55	107	85046	34.574	ng		96
37) 2-Methylnaphthalene	8.70	142	195155	34.460	ng		99
38) 1-Methylnaphthalene	8.80	142	181730	33.891	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	91159	33.952	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	40718	48.441	ng		99
43) 2,4,6-Trichlorophenol	8.99	196	59320	34.740	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	63993	34.504	ng		96
46) 1,1'-Biphenyl	9.16	154	239705	34.621	ng		98
47) 2-Chloronaphthalene	9.19	162	180493	33.865	ng		98
48) 2-Nitroaniline	9.29	65	53486	35.703	ng		93
49) Acenaphthylene	9.60	152	297633	35.160	ng		99
50) Dimethylphthalate	9.46	163	254250	42.167	ng		100
51) 2,6-Dinitrotoluene	9.53	165	45126	33.574	ng		99
52) Acenaphthene	9.77	154	168975	33.715	ng		98
53) 3-Nitroaniline	9.70	138	29539	19.248	ng		97
54) 2,4-Dinitrophenol	9.81	184	28735	49.976	ng	#	87
55) Dibenzofuran	9.95	168	269854	33.810	ng		100
56) 4-Nitrophenol	9.87	139	75348	76.079	ng		92
57) 2,4-Dinitrotoluene	9.93	165	62334	35.338	ng		97
58) Fluorene	10.29	166	207792	34.393	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	55382	37.767	ng		98
60) Diethylphthalate	10.16	149	214962	35.058	ng		99
61) 4-Chlorophenyl-phenylether	10.28	204	104852	35.683	ng		97
62) 4-Nitroaniline	10.30	138	49017	31.857	ng		99
63) Azobenzene	10.44	77	208035	33.957	ng		96
65) 4,6-Dinitro-2-methylphenol	10.35	198	24127	26.560	ng		87
66) n-Nitrosodiphenylamine	10.40	169	188213	33.173	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	64291	33.310	ng		95
68) Hexachlorobenzene	10.83	284	73278	33.294	ng		96
69) Atrazine	10.93	200	52950	31.201	ng		99
70) Pentachlorophenol	11.03	266	68969	71.139	ng		98
71) Phenanthrene	11.25	178	321310	33.943	ng		100
72) Anthracene	11.30	178	327615	34.488	ng		100
73) Carbazole	11.46	167	313554	33.751	ng		98
74) Di-n-butylphthalate	11.79	149	374846	35.746	ng		99
75) Fluoranthene	12.43	202	383075	36.343	ng		98
77) Benzidine	12.56	184	144164	33.984	ng		99
78) Pyrene	12.66	202	396023	32.956	ng		99
80) Butylbenzylphthalate	13.28	149	174138	35.477	ng		93
81) Benzo(a)anthracene	13.84	228	372481	34.033	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	105944	24.398	ng		99
83) Chrysene	13.88	228	377253	33.760	ng		98
84) Bis(2-ethylhexyl)phthalate	13.84	149	242067	35.780	ng		99
85) Di-n-octyl phthalate	14.45	149	457881	36.913	ng		99
87) Indeno(1,2,3-cd)pyrene	16.63	276	427501	33.276	ng		99
88) Benzo(b)fluoranthene	14.87	252	392381	33.890	ng		99
89) Benzo(k)fluoranthene	14.89	252	379119	35.262	ng		99
90) Benzo(a)pyrene	15.21	252	349324	33.428	ng		100
91) Dibenzo(a,h)anthracene	16.64	278	361522	32.841	ng		98
92) Benzo(g,h,i)perylene	17.04	276	350093	32.227	ng		99

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

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