Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118536.D
Acq On : 13 Jan 2020 17:48
Operator : JU
Sample : L1106-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CIY1-SB-01-0-52MSD

Manual Integrations APPROVED
mohammad
1/14/2020 2:31:39 PM

Quant Time: Jan 14 12:06:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 11:02:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67108	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	256591	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	149591	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	271069	20.00	ng		0.00
76) Chrysene-d12	14.01	240	180521	20.00	ng		0.00
87) Perylene-d12	15.48	264	168270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	347906	85.58	ng		0.00
7) Phenol-d6	6.46	99	455380	93.69	ng		0.00
23) Nitrobenzene-d5	7.38	82	264232	54.10	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	165930	94.00	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	547539	52.50	ng		0.00
79) Terphenyl-d14	12.94	244	567221	49.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	43706	32.248	ng		97
3) Pyridine	3.30	79	107617	29.499	ng		94
4) n-Nitrosodimethylamine	3.25	42	69430	37.978	ng		95
6) Aniline	6.48	93	174977	28.955	ng	#	87
8) 2-Chlorophenol	6.60	128	196404	44.187	ng		97
9) Benzaldehyde	6.37	77	98187	36.288	ng		99
10) Phenol	6.47	94	229592	42.630	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	164998	42.972	ng		99
12) 1,3-Dichlorobenzene	6.76	146	222421	42.807	ng		96
13) 1,4-Dichlorobenzene	6.83	146	224856	42.412	ng		97
14) 1,2-Dichlorobenzene	6.99	146	202429	39.512	ng		97
15) Benzyl Alcohol	6.96	79	162917	41.323	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	164420	38.602	ng		94
17) 2-Methylphenol	7.08	107	153460	42.011	ng		97
18) Hexachloroethane	7.32	117	76290	37.977	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	125403	40.060	ng		97
20) 3+4-Methylphenols	7.23	107	191408	38.629	ng		96
22) Acetophenone	7.23	105	253665	39.001	ng		94
24) Nitrobenzene	7.40	77	192212	39.575	ng		98
25) Isophorone	7.64	82	360396	46.056	ng		99
26) 2-Nitrophenol	7.72	139	111242	46.389	ng		99
27) 2,4-Dimethylphenol	7.76	122	173063	53.664	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	221346	43.025	ng		97
29) 2,4-Dichlorophenol	7.97	162	171734	45.608	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	194085	44.379	ng		99
31) Naphthalene	8.12	128	581481	43.323	ng		100
32) Benzoic acid	7.91	122	106638	48.013	ng		98
33) 4-Chloroaniline	8.18	127	85316	15.440	ng		98
34) Hexachlorobutadiene	8.23	225	112527	41.917	ng		99
35) Caprolactam	8.55	113	54378m	47.942	ng		
36) 4-Chloro-3-methylphenol	8.67	107	197317	48.743	ng		100
37) 2-Methylnaphthalene	8.82	142	455962	49.499	ng		100
38) 1-Methylnaphthalene	8.92	142	390221	45.119	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	179762	39.111	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	85731	70.285	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	120704	42.498	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	129813	44.167	ng		93
46) 1,1'-Biphenyl	9.28	154	502790	41.136	ng		100
47) 2-Chloronaphthalene	9.31	162	393009	40.625	ng		99
48) 2-Nitroaniline	9.41	65	110947	39.688	ng		98
49) Acenaphthylene	9.73	152	638743	44.356	ng		99
50) Dimethylphthalate	9.58	163	521139	45.390	ng		100
51) 2,6-Dinitrotoluene	9.65	165	104863	42.412	ng	#	83
52) Acenaphthene	9.90	154	391553	44.527	ng		99
53) 3-Nitroaniline	9.83	138	62290	21.507	ng		96
54) 2,4-Dinitrophenol	9.95	184	80671	75.122	ng		96
55) Dibenzofuran	10.07	168	558307	42.271	ng		98
56) 4-Nitrophenol	10.01	139	142102	101.050	ng		93
57) 2,4-Dinitrotoluene	10.06	165	145789	44.037	ng		96
58) Fluorene	10.42	166	459876	43.318	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	109945	44.234	ng		97
60) Diethylphthalate	10.29	149	511198	43.738	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	226495	42.699	ng		93
62) 4-Nitroaniline	10.45	138	97145	34.256	ng		96
63) Azobenzene	10.56	77	421892	42.478	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	62553	43.653	ng		99
66) n-Nitrosodiphenylamine	10.52	169	400499	45.370	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	145319	45.770	ng		97
68) Hexachlorobenzene	10.97	284	133588	35.233	ng		96
69) Atrazine	11.06	200	122939	46.869	ng		98
70) Pentachlorophenol	11.17	266	117878	94.160	ng		99
71) Phenanthrene	11.38	178	684761	45.095	ng		99
72) Anthracene	11.43	178	699088	46.277	ng		100
73) Carbazole	11.59	167	593984	45.390	ng		99
74) Di-n-butylphthalate	11.91	149	799512	45.796	ng		99
75) Fluoranthene	12.57	202	585193	37.916	ng		98
77) Benzidine	12.70	184	265001	62.369	ng		97
78) Pyrene	12.80	202	623595	41.986	ng		100
80) Butylbenzylphthalate	13.42	149	557257	81.926	ng		97
81) Benzo(a)anthracene	14.00	228	552968	43.763	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	154602	37.626	ng		99
83) Chrysene	14.03	228	545668	44.441	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	476382	51.581	ng		98
85) Di-n-octyl phthalate	14.59	149	709945	53.593	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	682727	69.065	ng		100
88) Benzo(b)fluoranthene	15.06	252	385286	31.670	ng		99
89) Benzo(k)fluoranthene	15.08	252	358222	30.848	ng		99
90) Benzo(a)pyrene	15.42	252	392395	39.359	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	577185	61.742	ng		99
92) Benzo(g,h,i)perylene	17.43	276	563193	63.583	ng		99

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

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