Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119193.D
Acq On : 4 Mar 2020 14:26
Operator : CG/JU
Sample : L1762-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-030220MSD

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:26 PM

Quant Time: Mar 04 16:29:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	143761	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	542422	20.00	ng		-0.01
39) Acenaphthene-d10	9.77	164	290526	20.00	ng		-0.01
64) Phenanthrene-d10	11.26	188	470035	20.00	ng		0.00
76) Chrysene-d12	13.90	240	260232	20.00	ng		0.00
87) Perylene-d12	15.33	264	304384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	895942	104.15	ng		0.00
7) Phenol-d6	6.40	99	1074847	102.74	ng		0.00
23) Nitrobenzene-d5	7.31	82	729634	71.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	345775	90.98	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1418341	71.92	ng		-0.01
79) Terphenyl-d14	12.84	244	1326493	87.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	135109	35.276	ng		97
3) Pyridine	3.23	79	341459	32.644	ng		97
4) n-Nitrosodimethylamine	3.17	42	140084	44.209	ng		92
6) Aniline	6.40	93	328171	25.421	ng		97
8) 2-Chlorophenol	6.53	128	438445	47.228	ng		99
9) Benzaldehyde	6.29	77	336954	48.206	ng		98
10) Phenol	6.41	94	500625	44.259	ng		90
11) bis(2-Chloroethyl)ether	6.47	93	395259	45.669	ng		97
12) 1,3-Dichlorobenzene	6.68	146	472416	42.457	ng		97
13) 1,4-Dichlorobenzene	6.76	146	484551	43.518	ng		99
14) 1,2-Dichlorobenzene	6.91	146	444074	43.730	ng		99
15) Benzyl Alcohol	6.89	79	363784	48.111	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	320469	42.745	ng	#	30
17) 2-Methylphenol	7.02	107	345234	45.868	ng		94
18) Hexachloroethane	7.25	117	172165	43.219	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	291655	47.842	ng		97
20) 3+4-Methylphenols	7.17	107	446472	48.418	ng	#	88
22) Acetophenone	7.16	105	582776	46.435	ng	#	96
24) Nitrobenzene	7.33	77	444285	43.733	ng		99
25) Isophorone	7.57	82	804176	45.074	ng		100
26) 2-Nitrophenol	7.65	139	242234	45.002	ng		98
27) 2,4-Dimethylphenol	7.69	122	371013	50.786	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	492413	42.402	ng		99
29) 2,4-Dichlorophenol	7.89	162	373093	43.382	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	421016	41.289	ng		98
31) Naphthalene	8.05	128	1225365	43.559	ng		99
32) Benzoic acid	7.85	122	202634	39.404	ng		99
33) 4-Chloroaniline	8.10	127	158500	13.100	ng		97
34) Hexachlorobutadiene	8.16	225	258944	40.769	ng		98
35) Caprolactam	8.48	113	107067m	40.431	ng		
36) 4-Chloro-3-methylphenol	8.60	107	389934	44.800	ng		97
37) 2-Methylnaphthalene	8.74	142	841248	44.437	ng		99
38) 1-Methylnaphthalene	8.83	142	783495	44.007	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	417817	42.655	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	159053	48.765	ng		98
43) 2,4,6-Trichlorophenol	9.03	196	263642	42.621	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	272863	42.037	ng		98
46) 1,1'-Biphenyl	9.20	154	1008538	42.952	ng		98
47) 2-Chloronaphthalene	9.23	162	786791	41.581	ng		99
48) 2-Nitroaniline	9.33	65	222578	42.174	ng		99
49) Acenaphthylene	9.64	152	1187913	43.468	ng		99
50) Dimethylphthalate	9.50	163	1172257	52.767	ng		100
51) 2,6-Dinitrotoluene	9.57	165	212112	42.975	ng	#	80
52) Acenaphthene	9.81	154	704937	42.779	ng		99
53) 3-Nitroaniline	9.74	138	110728	20.236	ng		98
54) 2,4-Dinitrophenol	9.86	184	149272	63.887	ng	#	90
55) Dibenzofuran	9.99	168	1034797	42.072	ng		97
56) 4-Nitrophenol	9.93	139	192193	58.460	ng		89
57) 2,4-Dinitrotoluene	9.98	165	260416	40.705	ng		92
58) Fluorene	10.33	166	824882	43.159	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	215576	39.360	ng		99
60) Diethylphthalate	10.20	149	940679	44.931	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	433176	42.818	ng		98
62) 4-Nitroaniline	10.36	138	179670	32.094	ng		95
63) Azobenzene	10.47	77	801574	44.048	ng		96
65) 4,6-Dinitro-2-methylphenol	10.40	198	125638	44.173	ng		97
66) n-Nitrosodiphenylamine	10.44	169	748966	48.664	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	276839	45.059	ng		96
68) Hexachlorobenzene	10.88	284	302289	42.674	ng		97
69) Atrazine	10.97	200	243776	45.334	ng		98
70) Pentachlorophenol	11.08	266	210752	73.858	ng		99
71) Phenanthrene	11.29	178	1196393	46.673	ng		99
72) Anthracene	11.34	178	1177932	45.991	ng		99
73) Carbazole	11.49	167	954540	41.834	ng		99
74) Di-n-butylphthalate	11.82	149	1323055	47.882	ng		98
75) Fluoranthene	12.47	202	1150651	42.289	ng		99
77) Benzidine	12.59	184	473642	44.753	ng		98
78) Pyrene	12.70	202	1106888	52.970	ng		98
80) Butylbenzylphthalate	13.31	149	443902	50.474	ng		96
81) Benzo(a)anthracene	13.89	228	852244	48.064	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	241879	35.131	ng	#	99
83) Chrysene	13.93	228	800412	45.303	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	615757	55.420	ng		100
85) Di-n-octyl phthalate	14.48	149	947990	53.550	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	945965	55.296	ng		100
88) Benzo(b)fluoranthene	14.92	252	939269	46.815	ng		99
89) Benzo(k)fluoranthene	14.95	252	719688	38.707	ng		100
90) Benzo(a)pyrene	15.27	252	791786	43.727	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	781700	49.063	ng		99
92) Benzo(g,h,i)perylene	17.17	276	766028	48.661	ng		99

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

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