Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119547.D
Acq On : 26 Mar 2020 23:20
Operator : CG/JU
Sample : L1753-16MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 27 02:45:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 16:30:13 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-02-032520MSD

Manual Integrations APPROVED
mohammad
3/30/2020 8:50:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	280939	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1107691	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	590803	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1143672	20.00	ng		0.00
76) Chrysene-d12	14.02	240	812447	20.00	ng		0.00
87) Perylene-d12	15.48	264	752705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2218370	125.70	ng		0.03
7) Phenol-d6	6.47	99	2553247	113.26	ng		0.00
23) Nitrobenzene-d5	7.40	82	2074558	101.79	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	981871	161.09	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3818271	95.75	ng		0.00
79) Terphenyl-d14	12.96	244	4391097	105.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	333630	38.277	ng	#	83
3) Pyridine	3.49	79	784540	32.672	ng		97
4) n-Nitrosodimethylamine	3.42	42	495719	42.333	ng		99
6) Aniline	6.50	93	346742	11.144	ng		99
8) 2-Chlorophenol	6.62	128	978273	52.779	ng		98
9) Benzaldehyde	6.39	77	524531	36.677	ng		98
10) Phenol	6.48	94	964895	40.112	ng		100
11) bis(2-Chloroethyl)ether	6.57	93	979802	50.928	ng		98
12) 1,3-Dichlorobenzene	6.78	146	936119	46.664	ng		97
13) 1,4-Dichlorobenzene	6.86	146	954621	47.574	ng		99
14) 1,2-Dichlorobenzene	7.01	146	900888	48.033	ng		99
15) Benzyl Alcohol	6.98	79	854911	50.413	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1793926	46.228	ng		97
17) 2-Methylphenol	7.09	107	774263	45.591	ng		99
18) Hexachloroethane	7.35	117	360649	49.044	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	716867	52.756	ng		96
20) 3+4-Methylphenols	7.25	107	922920	44.344	ng	#	78
22) Acetophenone	7.25	105	1316911	49.755	ng		96
24) Nitrobenzene	7.42	77	1053176	48.352	ng		99
25) Isophorone	7.66	82	1990093	48.134	ng		98
26) 2-Nitrophenol	7.73	139	531477	61.971	ng		97
27) 2,4-Dimethylphenol	7.77	122	849010	47.876	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1261137	51.584	ng		99
29) 2,4-Dichlorophenol	7.98	162	834833	51.235	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	865928	48.054	ng		99
31) Naphthalene	8.15	128	2769174	48.579	ng		99
32) Benzoic acid	7.90	122	621432	54.477	ng		96
33) 4-Chloroaniline	8.19	127	229882	8.801	ng		96
34) Hexachlorobutadiene	8.26	225	491059	48.706	ng		97
35) Caprolactam	8.57	113	219571m	41.175	ng		
36) 4-Chloro-3-methylphenol	8.67	107	916166	51.444	ng		99
37) 2-Methylnaphthalene	8.84	142	1945938	52.016	ng		99
38) 1-Methylnaphthalene	8.94	142	1853654	52.349	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	829836	47.921	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	969872	98.515	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	660668	53.312	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	657715	47.378	ng		98
46) 1,1'-Biphenyl	9.30	154	2328291	48.387	ng		100
47) 2-Chloronaphthalene	9.33	162	1812400	48.085	ng		98
48) 2-Nitroaniline	9.42	65	684213	52.593	ng		98
49) Acenaphthylene	9.75	152	2852625	48.195	ng		99
50) Dimethylphthalate	9.61	163	2214497	52.770	ng		98
51) 2,6-Dinitrotoluene	9.67	165	493585	54.874	ng		96
52) Acenaphthene	9.92	154	1781653	48.284	ng		100
53) 3-Nitroaniline	9.83	138	224049	19.730	ng		99
54) 2,4-Dinitrophenol	9.95	184	552962	136.428	ng		95
55) Dibenzofuran	10.09	168	2597918	49.106	ng		98
56) 4-Nitrophenol	10.00	139	777713	86.814	ng		89
57) 2,4-Dinitrotoluene	10.07	165	668908	59.032	ng		89
58) Fluorene	10.44	166	2006499	51.288	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	584002	56.279	ng		100
60) Diethylphthalate	10.32	149	2283507	53.614	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	965906	50.488	ng		99
62) 4-Nitroaniline	10.46	138	508072	46.657	ng		100
63) Azobenzene	10.59	77	2166341	50.508	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	355166	74.059	ng		91
66) n-Nitrosodiphenylamine	10.55	169	1888254	50.293	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	653630	50.183	ng		98
68) Hexachlorobenzene	10.99	284	702477	52.696	ng	#	90
69) Atrazine	11.07	200	592126	57.527	ng		98
70) Pentachlorophenol	11.17	266	811253	103.787	ng		99
71) Phenanthrene	11.40	178	2938790	49.556	ng		99
72) Anthracene	11.45	178	2994472	49.683	ng		99
73) Carbazole	11.60	167	2818154	47.239	ng		98
74) Di-n-butylphthalate	11.94	149	3472392	54.412	ng		98
75) Fluoranthene	12.59	202	3208638	49.995	ng		99
77) Benzidine	12.70	184	288107	8.379	ng		96
78) Pyrene	12.82	202	3207181	48.100	ng		99
80) Butylbenzylphthalate	13.44	149	1536915	56.991	ng		99
81) Benzo(a)anthracene	14.00	228	2505154	47.417	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	463291	22.240	ng		97
83) Chrysene	14.04	228	2617584	48.007	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1945257	60.510	ng		99
85) Di-n-octyl phthalate	14.61	149	3439493	60.834	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2361383	45.984	ng		98
88) Benzo(b)fluoranthene	15.06	252	2582009	51.352	ng		98
89) Benzo(k)fluoranthene	15.09	252	2423648	50.622	ng		100
90) Benzo(a)pyrene	15.42	252	2230387	48.811	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	1947839	48.736	ng		97
92) Benzo(g,h,i)perylene	17.40	276	1917374	47.753	ng		97

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

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