Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119420.D
Acq On : 18 Mar 2020 17:34
Operator : CG/JU
Sample : L1949-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219MSD

Manual Integrations APPROVED
mohammad
3/19/2020 2:43:59 PM

Quant Time: Mar 19 11:09:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	329740	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1277509	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	636975	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1147899	20.00	ng		0.00
76) Chrysene-d12	14.03	240	652794	20.00	ng		0.00
87) Perylene-d12	15.50	264	626567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2190861	105.77	ng		0.02
7) Phenol-d6	6.48	99	2834754	107.13	ng		0.00
23) Nitrobenzene-d5	7.42	82	1762699	74.99	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	701597	106.76	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3088671	71.84	ng		0.00
79) Terphenyl-d14	12.98	244	2857982	85.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	371140	36.279	ng		100
3) Pyridine	3.44	79	904650	32.098	ng		99
4) n-Nitrosodimethylamine	3.39	42	566198	41.196	ng		97
6) Aniline	6.52	93	569468	15.594	ng		98
8) 2-Chlorophenol	6.64	128	977672	44.940	ng		99
9) Benzaldehyde	6.40	77	641012	38.188	ng		99
10) Phenol	6.49	94	1177641	41.711	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	937461	41.516	ng		99
12) 1,3-Dichlorobenzene	6.80	146	970308	41.210	ng		99
13) 1,4-Dichlorobenzene	6.87	146	967202	41.068	ng		98
14) 1,2-Dichlorobenzene	7.03	146	906143	41.163	ng		99
15) Benzyl Alcohol	6.99	79	844170	42.412	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1903077	41.783	ng		99
17) 2-Methylphenol	7.10	107	791100	39.689	ng		99
18) Hexachloroethane	7.37	117	378120	43.810	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	669505	41.978	ng		98
20) 3+4-Methylphenols	7.26	107	934970m	38.274	ng		
22) Acetophenone	7.26	105	1234652	40.446	ng	#	91
24) Nitrobenzene	7.44	77	1002202	39.895	ng		96
25) Isophorone	7.68	82	1860745	39.023	ng		97
26) 2-Nitrophenol	7.75	139	485584	49.093	ng		95
27) 2,4-Dimethylphenol	7.79	122	891165	43.573	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1163909	41.279	ng		98
29) 2,4-Dichlorophenol	7.99	162	763297	40.618	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	829967	39.936	ng		99
31) Naphthalene	8.16	128	2644736	40.229	ng		99
32) Benzoic acid	7.90	122	579136	44.021	ng		99
33) 4-Chloroaniline	8.20	127	184843	6.136	ng		97
34) Hexachlorobutadiene	8.29	225	466608	40.128	ng		100
35) Caprolactam	8.57	113	228277m	37.117	ng		
36) 4-Chloro-3-methylphenol	8.69	107	829575	40.390	ng		96
37) 2-Methylnaphthalene	8.86	142	1791151	41.514	ng		99
38) 1-Methylnaphthalene	8.96	142	1663731	40.739	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	731876	39.200	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	823035	77.540 ng	98
43) 2,4,6-Trichlorophenol	9.13	196	565176	42.301 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	558739	37.331 ng	96
46) 1,1'-Biphenyl	9.32	154	2053837	39.589 ng	100
47) 2-Chloronaphthalene	9.35	162	1595571	39.264 ng	99
48) 2-Nitroaniline	9.44	65	574214	40.938 ng	100
49) Acenaphthylene	9.76	152	2553552	40.015 ng	99
50) Dimethylphthalate	9.63	163	2278370	50.357 ng	99
51) 2,6-Dinitrotoluene	9.68	165	413113	42.598 ng	98
52) Acenaphthene	9.94	154	1663334	41.810 ng	97
53) 3-Nitroaniline	9.85	138	162138	13.243 ng	99
54) 2,4-Dinitrophenol	9.95	184	322477	77.134 ng	91
55) Dibenzofuran	10.11	168	2250637	39.458 ng	100
56) 4-Nitrophenol	10.00	139	722498	74.804 ng	86
57) 2,4-Dinitrotoluene	10.09	165	536033	43.877 ng	91
58) Fluorene	10.45	166	1651115	39.145 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	464026	41.476 ng	99
60) Diethylphthalate	10.33	149	1852929	40.351 ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	801331	38.850 ng	99
62) 4-Nitroaniline	10.46	138	396811	33.798 ng	98
63) Azobenzene	10.60	77	1847862	39.960 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	231694	48.135 ng	94
66) n-Nitrosodiphenylamine	10.56	169	1544251	40.979 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	512961	39.238 ng	97
68) Hexachlorobenzene	11.00	284	550281	41.127 ng	99
69) Atrazine	11.09	200	439117	42.505 ng	98
70) Pentachlorophenol	11.19	266	591536	75.399 ng	99
71) Phenanthrene	11.42	178	2341492	39.339 ng	100
72) Anthracene	11.47	178	2430671	40.180 ng	99
73) Carbazole	11.62	167	2217382	37.032 ng	99
74) Di-n-butylphthalate	11.96	149	2722773	42.508 ng	99
75) Fluoranthene	12.60	202	2424720	37.641 ng	99
77) Benzidine	12.72	184	725924	26.276 ng	98
78) Pyrene	12.83	202	2403943	44.871 ng	100
80) Butylbenzylphthalate	13.46	149	1022889	47.207 ng	95
81) Benzo(a)anthracene	14.02	228	1693091	39.884 ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	372763	22.271 ng	97
83) Chrysene	14.06	228	1726329	39.405 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1236348	47.864 ng	99
85) Di-n-octyl phthalate	14.63	149	2066351	45.486 ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1877591	45.506 ng	100
88) Benzo(b)fluoranthene	15.07	252	1739353	41.557 ng	99
89) Benzo(k)fluoranthene	15.10	252	1461395	36.669 ng	100
90) Benzo(a)pyrene	15.44	252	1491722	39.218 ng	97
91) Dibenzo(a,h)anthracene	16.99	278	1537762	46.221 ng	99
92) Benzo(g,h,i)perylene	17.42	276	1636680	48.968 ng	99

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

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