Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
Data File : BF119471.D
Acq On : 20 Mar 2020 14:44
Operator : CG/JU
Sample : L1749-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-031920MSD

Manual Integrations APPROVED
mohammad
3/23/2020 9:40:40 AM

Quant Time: Mar 23 04:25:16 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	6.85	152	329236	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1281428	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	659741	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1250243	20.00	ng		0.00
76) Chrysene-d12	14.03	240	715082	20.00	ng		0.00
87) Perylene-d12	15.50	264	711091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2094633	101.28	ng		0.01
7) Phenol-d6	6.48	99	2732547	103.43	ng		0.00
23) Nitrobenzene-d5	7.42	82	1725081	73.16	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	751799	110.46	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3037094	68.20	ng		0.00
79) Terphenyl-d14	12.97	244	3115800	85.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	330621	32.367	ng		99
3) Pyridine	3.41	79	822687	29.235	ng		98
4) n-Nitrosodimethylamine	3.36	42	481318	35.074	ng		99
6) Aniline	6.51	93	953098	26.139	ng		99
8) 2-Chlorophenol	6.64	128	902967	41.570	ng		97
9) Benzaldehyde	6.40	77	583628	34.823	ng		98
10) Phenol	6.49	94	1099676m	39.009	ng		
11) bis(2-Chloroethyl)ether	6.59	93	869848	38.580	ng		97
12) 1,3-Dichlorobenzene	6.79	146	901052	38.327	ng		99
13) 1,4-Dichlorobenzene	6.87	146	916942	38.993	ng		100
14) 1,2-Dichlorobenzene	7.03	146	857229	39.000	ng		98
15) Benzyl Alcohol	6.99	79	782023	39.350	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1659065	36.481	ng		99
17) 2-Methylphenol	7.10	107	737106	37.036	ng		98
18) Hexachloroethane	7.37	117	345716	40.117	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	620220	38.948	ng		100
20) 3+4-Methylphenols	7.26	107	878570	36.020	ng	#	85
22) Acetophenone	7.26	105	1161603	37.937	ng		94
24) Nitrobenzene	7.43	77	935424	37.123	ng		99
25) Isophorone	7.67	82	1719123	35.943	ng		100
26) 2-Nitrophenol	7.75	139	473892	47.765	ng		98
27) 2,4-Dimethylphenol	7.79	122	839175	40.906	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	1094501	38.698	ng		99
29) 2,4-Dichlorophenol	7.99	162	730541	38.756	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	782951	37.558	ng		99
31) Naphthalene	8.16	128	2499764	37.907	ng		100
32) Benzoic acid	7.91	122	531293	40.261	ng		97
33) 4-Chloroaniline	8.20	127	490906	16.246	ng		98
34) Hexachlorobutadiene	8.28	225	445100	38.162	ng		98
35) Caprolactam	8.58	113	235438m	38.164	ng		
36) 4-Chloro-3-methylphenol	8.69	107	790895	38.389	ng		99
37) 2-Methylnaphthalene	8.86	142	1688343	39.011	ng		99
38) 1-Methylnaphthalene	8.96	142	1590009	38.815	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	721323	37.302	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	734234	66.787 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	540048	39.025 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	566386	36.536 ng	99
46) 1,1'-Biphenyl	9.32	154	1978691	36.825 ng	98
47) 2-Chloronaphthalene	9.35	162	1558570	37.030 ng	99
48) 2-Nitroaniline	9.44	65	585095	40.275 ng	92
49) Acenaphthylene	9.76	152	2478229	37.495 ng	100
50) Dimethylphthalate	9.62	163	2116237	45.159 ng	98
51) 2,6-Dinitrotoluene	9.68	165	414727	41.289 ng	95
52) Acenaphthene	9.93	154	1628017	39.510 ng	100
53) 3-Nitroaniline	9.85	138	262910	20.733 ng	97
54) 2,4-Dinitrophenol	9.95	184	313739	72.896 ng	93
55) Dibenzofuran	10.11	168	2209965	37.408 ng	98
56) 4-Nitrophenol	10.01	139	739335	73.906 ng	93
57) 2,4-Dinitrotoluene	10.09	165	551028	43.548 ng	96
58) Fluorene	10.45	166	1660108	38.000 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	463623	40.010 ng	98
60) Diethylphthalate	10.33	149	1881459	39.558 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	802117	37.546 ng	98
62) 4-Nitroaniline	10.46	138	411259	33.820 ng	97
63) Azobenzene	10.60	77	1781995	37.206 ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	226067	43.121 ng	97
66) n-Nitrosodiphenylamine	10.56	169	1548698	37.733 ng	97
67) 4-Bromophenyl-phenylether	10.93	248	530135	37.232 ng	95
68) Hexachlorobenzene	11.00	284	559349	38.383 ng	98
69) Atrazine	11.09	200	467293	41.529 ng	99
70) Pentachlorophenol	11.19	266	621199	72.698 ng	99
71) Phenanthrene	11.42	178	2496077	38.503 ng	100
72) Anthracene	11.46	178	2516445	38.193 ng	100
73) Carbazole	11.62	167	2323966	35.635 ng	98
74) Di-n-butylphthalate	11.95	149	2894497	41.490 ng	98
75) Fluoranthene	12.60	202	2588844	36.899 ng	98
77) Benzidine	12.72	184	1381397	45.647 ng	98
78) Pyrene	12.83	202	2558464	43.596 ng	100
80) Butylbenzylphthalate	13.45	149	1179379	49.688 ng	99
81) Benzo(a)anthracene	14.02	228	1749826	37.630 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	612961	33.432 ng	97
83) Chrysene	14.06	228	1787118	37.239 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1498499	52.960 ng	99
85) Di-n-octyl phthalate	14.63	149	2391107	48.050 ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1969595	43.577 ng	98
88) Benzo(b)fluoranthene	15.07	252	1749995	36.841 ng	98
89) Benzo(k)fluoranthene	15.10	252	1589443	35.141 ng	98
90) Benzo(a)pyrene	15.44	252	1567489	36.311 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	1631675	43.214 ng	99
92) Benzo(g,h,i)perylene	17.43	276	1718777	45.312 ng	97

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

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