Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
Data File : BF119358.D
Acq On : 11 Mar 2020 21:08
Operator : CG/JU
Sample : L1871-14MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-18-DAMSD

Manual Integrations APPROVED
mohammad
3/16/2020 1:46:53 PM

Quant Time: Mar 12 07:01:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107572	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	417970	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	237245	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	454091	20.00	ng		0.00
76) Chrysene-d12	13.89	240	309363	20.00	ng		0.00
87) Perylene-d12	15.32	264	301319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	725114	112.65	ng		0.00
7) Phenol-d6	6.38	99	854820	109.19	ng		0.00
23) Nitrobenzene-d5	7.29	82	589866	74.51	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	329659	106.22	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	1181460	73.36	ng		-0.01
79) Terphenyl-d14	12.82	244	1534772	85.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	117869	41.128	ng		99
3) Pyridine	3.16	79	276850	35.372	ng		99
4) n-Nitrosodimethylamine	3.11	42	114673	48.365	ng		96
6) Aniline	6.39	93	317217	32.839	ng		89
8) 2-Chlorophenol	6.52	128	354453	51.025	ng		99
9) Benzaldehyde	6.27	77	240215	45.927	ng		98
10) Phenol	6.39	94	412267	48.709	ng		92
11) bis(2-Chloroethyl)ether	6.46	93	322541	49.804	ng		99
12) 1,3-Dichlorobenzene	6.66	146	389722	46.808	ng		96
13) 1,4-Dichlorobenzene	6.73	146	392958	47.164	ng		99
14) 1,2-Dichlorobenzene	6.89	146	359494	47.311	ng		99
15) Benzyl Alcohol	6.87	79	293314	51.842	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	256654	45.750	ng	#	22
17) 2-Methylphenol	6.99	107	281690	50.016	ng	#	91
18) Hexachloroethane	7.22	117	139492	46.797	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	242526	53.166	ng		97
20) 3+4-Methylphenols	7.15	107	379308	54.972	ng		87
22) Acetophenone	7.13	105	479487	49.581	ng	#	95
24) Nitrobenzene	7.30	77	371104	47.406	ng		96
25) Isophorone	7.55	82	669179	48.675	ng		98
26) 2-Nitrophenol	7.63	139	196777	47.442	ng		99
27) 2,4-Dimethylphenol	7.67	122	302280	53.698	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	406065	45.378	ng		99
29) 2,4-Dichlorophenol	7.87	162	316259	47.723	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	339811	43.248	ng		99
31) Naphthalene	8.02	128	1010194	46.603	ng		99
32) Benzoic acid	7.85	122	164475	41.150	ng		98
33) 4-Chloroaniline	8.09	127	166370	17.845	ng		98
34) Hexachlorobutadiene	8.14	225	212868	43.493	ng		98
35) Caprolactam	8.46	113	97086m	47.578	ng		
36) 4-Chloro-3-methylphenol	8.59	107	335458	50.017	ng		100
37) 2-Methylnaphthalene	8.72	142	706365	48.422	ng		98
38) 1-Methylnaphthalene	8.82	142	657069	47.895	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	355714	44.470	ng		99

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Quant Time: Mar 12 07:01:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	92832	37.534	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	220468	43.646	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	234879	44.312	ng		99
46) 1,1'-Biphenyl	9.18	154	859118	44.806	ng		98
47) 2-Chloronaphthalene	9.20	162	686212	44.411	ng		99
48) 2-Nitroaniline	9.31	65	200313	46.479	ng		97
49) Acenaphthylene	9.62	152	1041280	46.659	ng		98
50) Dimethylphthalate	9.48	163	951516	52.449	ng		99
51) 2,6-Dinitrotoluene	9.56	165	189571	47.033	ng		99
52) Acenaphthene	9.79	154	624106	46.379	ng		98
53) 3-Nitroaniline	9.73	138	98971	22.149	ng		99
54) 2,4-Dinitrophenol	9.85	184	122043	63.954	ng	#	87
55) Dibenzofuran	9.96	168	926392	46.123	ng		100
56) 4-Nitrophenol	9.92	139	143169	53.328	ng		96
57) 2,4-Dinitrotoluene	9.97	165	245162	46.927	ng		90
58) Fluorene	10.30	166	759724	48.677	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	206424	46.153	ng		98
60) Diethylphthalate	10.18	149	841014	49.193	ng		100
61) 4-Chlorophenyl-phenylether	10.29	204	398262	48.208	ng		99
62) 4-Nitroaniline	10.35	138	172101	37.646	ng		96
63) Azobenzene	10.46	77	749226	50.418	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122459	44.567	ng		93
66) n-Nitrosodiphenylamine	10.42	169	692804	46.595	ng		100
67) 4-Bromophenyl-phenylether	10.78	248	264776	44.608	ng		98
68) Hexachlorobenzene	10.86	284	302228	44.164	ng		95
69) Atrazine	10.95	200	236545	45.534	ng		97
70) Pentachlorophenol	11.06	266	201228	72.997	ng		99
71) Phenanthrene	11.27	178	1132768	45.743	ng		98
72) Anthracene	11.32	178	1195891	48.332	ng		98
73) Carbazole	11.48	167	1027805	46.627	ng		99
74) Di-n-butylphthalate	11.80	149	1340710	50.224	ng		99
75) Fluoranthene	12.46	202	1206885	45.913	ng		99
77) Benzidine	12.58	184	664412	52.808	ng		98
78) Pyrene	12.69	202	1206357	48.562	ng		99
80) Butylbenzylphthalate	13.29	149	561428	53.699	ng		95
81) Benzo(a)anthracene	13.87	228	1005079	47.682	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	258389	31.568	ng		100
83) Chrysene	13.92	228	961393	45.773	ng		99
84) Bis(2-ethylhexyl)phthalate	13.85	149	800797	60.627	ng		98
85) Di-n-octyl phthalate	14.46	149	1256111	59.687	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	992333	48.794	ng		100
88) Benzo(b)fluoranthene	14.91	252	896013	45.114	ng		99
89) Benzo(k)fluoranthene	14.94	252	897646	48.770	ng		99
90) Benzo(a)pyrene	15.26	252	799162	44.583	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	845701	53.620	ng		100
92) Benzo(g,h,i)perylene	17.16	276	827881	53.125	ng		99

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

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