Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119926.D
Acq On : 13 Apr 2020 20:25
Operator : MA/SJ
Sample : L2129-26MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2MS

Manual Integrations APPROVED

Quant Time: Apr 14 02:39:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.74	152	224117	20.00	ng	0.00	
21) Naphthalene-d8	8.02	136	887591	20.00	ng	0.00	
39) Acenaphthene-d10	9.78	164	465642	20.00	ng	0.00	
64) Phenanthrene-d10	11.27	188	892284	20.00	ng	0.00	
76) Chrysene-d12	13.91	240	624755	20.00	ng	0.00	
87) Perylene-d12	15.33	264	625952	20.00	ng	0.00	mohammad
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	797139	61.47	ng	0.01	
7) Phenol-d6	6.37	99	1012847	60.61	ng	0.00	
23) Nitrobenzene-d5	7.30	82	682863	39.80	ng	0.00	4/14/2020 3:38:06 PM
42) 2,4,6-Tribromophenol	10.57	330	304448	53.40	ng	0.00	
45) 2-Fluorobiphenyl	9.10	172	1403592	42.80	ng	0.00	
79) Terphenyl-d14	12.86	244	1870783	50.39	ng	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.49	88	234283	40.561	ng	95	
3) Pyridine	3.19	79	632119	39.887	ng	98	
4) n-Nitrosodimethylamine	3.15	42	348140	42.996	ng	96	
6) Aniline	6.40	93	666530	30.390	ng	98	
8) 2-Chlorophenol	6.52	128	688528	47.518	ng	96	
9) Benzaldehyde	6.28	77	326105	34.143	ng	96	
10) Phenol	6.39	94	877117	46.267	ng	96	
11) bis(2-Chloroethyl)ether	6.47	93	646148	44.143	ng	98	
12) 1,3-Dichlorobenzene	6.68	146	686569	43.280	ng	97	
13) 1,4-Dichlorobenzene	6.76	146	694937	43.005	ng	97	
14) 1,2-Dichlorobenzene	6.91	146	660772	44.370	ng	98	
15) Benzyl Alcohol	6.89	79	563306	43.401	ng	99	
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1141826	40.087	ng	98	
17) 2-Methylphenol	7.00	107	555056	42.924	ng	99	
18) Hexachloroethane	7.25	117	266635	44.151	ng	94	
19) n-Nitroso-di-n-propylamine	7.16	70	463268	43.112	ng	96	
20) 3+4-Methylphenols	7.15	107	667313	42.195	ng	94	
22) Acetophenone	7.15	105	885961	42.626	ng	99	
24) Nitrobenzene	7.32	77	718863	41.651	ng	100	
25) Isophorone	7.57	82	1329027	40.184	ng	99	
26) 2-Nitrophenol	7.64	139	374906	43.479	ng	97	
27) 2,4-Dimethylphenol	7.69	122	583327	44.855	ng	96	
28) bis(2-Chloroethoxy)methane	7.78	93	826897	42.488	ng	100	
29) 2,4-Dichlorophenol	7.89	162	572685	42.962	ng	98	
30) 1,2,4-Trichlorobenzene	7.97	180	614267	40.669	ng	99	
31) Naphthalene	8.05	128	1956487	41.896	ng	99	
32) Benzoic acid	7.83	122	470290	41.176	ng	95	
33) 4-Chloroaniline	8.09	127	285938	14.065	ng	98	
34) Hexachlorobutadiene	8.16	225	351341	38.859	ng	99	
35) Caprolactam	8.47	113	163920m	40.200	ng		
36) 4-Chloro-3-methylphenol	8.59	107	625129	43.315	ng	95	
37) 2-Methylnaphthalene	8.74	142	1310863	41.404	ng	99	
38) 1-Methylnaphthalene	8.84	142	1250973	41.921	ng	100	
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	572951	38.958	ng	99	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	683027	81.673	ng		100
43) 2,4,6-Trichlorophenol	9.02	196	427930	42.136	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	441477	38.596	ng		94
46) 1,1'-Biphenyl	9.20	154	1555064	39.566	ng		97
47) 2-Chloronaphthalene	9.23	162	1235591	40.810	ng		97
48) 2-Nitroaniline	9.33	65	439466	40.054	ng		96
49) Acenaphthylene	9.65	152	1917616	41.646	ng		99
50) Dimethylphthalate	9.52	163	1555863	43.198	ng		99
51) 2,6-Dinitrotoluene	9.57	165	333342	42.264	ng	#	82
52) Acenaphthene	9.82	154	1174959	38.253	ng		99
53) 3-Nitroaniline	9.74	138	182175	20.224	ng		91
54) 2,4-Dinitrophenol	9.85	184	384098	81.342	ng		98
55) Dibenzofuran	9.99	168	1761443	41.791	ng		99
56) 4-Nitrophenol	9.92	139	572908	85.480	ng		86
57) 2,4-Dinitrotoluene	9.98	165	435262	41.887	ng		98
58) Fluorene	10.33	166	1333610	39.563	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	375651	42.940	ng		98
60) Diethylphthalate	10.21	149	1487504	39.849	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	635038	36.756	ng		98
62) 4-Nitroaniline	10.36	138	358003	41.704	ng		99
63) Azobenzene	10.49	77	1389461	41.534	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	250316	42.582	ng		90
66) n-Nitrosodiphenylamine	10.45	169	1232976	41.550	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	432055	38.936	ng		96
68) Hexachlorobenzene	10.88	284	465012	41.309	ng		97
69) Atrazine	10.98	200	386443	46.805	ng		98
70) Pentachlorophenol	11.07	266	509994	78.616	ng		98
71) Phenanthrene	11.29	178	1943793	40.932	ng		98
72) Anthracene	11.35	178	1995570	41.136	ng		99
73) Carbazole	11.50	167	1839842	40.104	ng		98
74) Di-n-butylphthalate	11.84	149	2286579	37.914	ng		99
75) Fluoranthene	12.48	202	2124639	41.465	ng		99
77) Benzidine	12.60	184	1056183	50.012	ng		97
78) Pyrene	12.71	202	2120584	40.263	ng		99
80) Butylbenzylphthalate	13.33	149	983525	38.485	ng		100
81) Benzo(a)anthracene	13.90	228	1693631	41.207	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	369322	24.083	ng		98
83) Chrysene	13.94	228	1779889	42.620	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1246497	36.017	ng		99
85) Di-n-octyl phthalate	14.51	149	2313235	39.256	ng		98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1593674	43.292	ng		98
88) Benzo(b)fluoranthene	14.93	252	1780209	39.534	ng		98
89) Benzo(k)fluoranthene	14.96	252	1720317	44.278	ng		98
90) Benzo(a)pyrene	15.28	252	1546277	40.841	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	1328684	39.619	ng		98
92) Benzo(g,h,i)perylene	17.16	276	1299397	39.252	ng		97

mohammad

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

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