Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120509.D
Acq On : 3 Jun 2020 15:08
Operator : JU/CG
Sample : L2839-23MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Manual Integrations APPROVED
mohammad
6/4/2020 12:12:16 PM

Quant Time: Jun 03 15:52:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	235826	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	904340	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	449871	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	809358	20.00	ng	0.00
76) Chrysene-d12	14.00	240	469515	20.00	ng	0.00
86) Perylene-d12	15.46	264	517299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	941256	76.06	ng	0.01
7) Phenol-d6	6.47	99	1214329	79.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	867037	62.71	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	362490	86.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1582407	59.68	ng	0.00
79) Terphenyl-d14	12.95	244	1489751	70.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	197100	32.154	ng	99
3) Pyridine	3.40	79	527722	31.085	ng	100
4) n-Nitrosodimethylamine	3.36	42	287593	40.030	ng	95
6) Aniline	6.52	93	758736	35.677	ng	99
8) 2-Chlorophenol	6.62	128	620644	44.481	ng	96
9) Benzaldehyde	6.39	77	329513	35.447	ng	98
10) Phenol	6.49	94	730199	43.779	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	619121	44.420	ng	99
12) 1,3-Dichlorobenzene	6.77	146	630958	41.161	ng	96
13) 1,4-Dichlorobenzene	6.85	146	633048	41.392	ng	99
14) 1,2-Dichlorobenzene	7.01	146	585412	41.441	ng	99
15) Benzyl Alcohol	6.98	79	491932	42.786	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	835431	38.021	ng	100
17) 2-Methylphenol	7.10	107	489911	39.265	ng	99
18) Hexachloroethane	7.35	117	232527	41.534	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	380416	39.236	ng	97
20) 3+4-Methylphenols	7.25	107	530289	33.643	ng	97
22) Acetophenone	7.25	105	731941	39.852	ng	97
24) Nitrobenzene	7.42	77	612766	41.146	ng	97
25) Isophorone	7.66	82	1127086	40.562	ng	99
26) 2-Nitrophenol	7.73	139	334758	49.856	ng	92
27) 2,4-Dimethylphenol	7.77	122	533067	45.715	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	708371	42.333	ng	100
29) 2,4-Dichlorophenol	7.98	162	494133	41.954	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	545022	41.235	ng	99
31) Naphthalene	8.15	128	1652427	41.605	ng	100
32) Benzoic acid	7.92	122	414924	47.951	ng	94
33) 4-Chloroaniline	8.20	127	532109	30.230	ng	99
34) Hexachlorobutadiene	8.26	225	322070	41.109	ng	98
35) Caprolactam	8.57	113	163158m	42.775	ng	
36) 4-Chloro-3-methylphenol	8.68	107	503409	42.129	ng	97
37) 2-Methylnaphthalene	8.83	142	1104758	41.995	ng	99
38) 1-Methylnaphthalene	8.93	142	1045935	42.121	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	520138	45.085	ng	99

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Quant Time: Jun 03 15:52:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	429899	66.768	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	362178	43.408	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	387808	41.003	ng	99
46) 1,1'-Biphenyl	9.30	154	1318853	44.627	ng	99
47) 2-Chloronaphthalene	9.32	162	1021977	41.996	ng	98
48) 2-Nitroaniline	9.42	65	315423	42.555	ng	96
49) Acenaphthylene	9.74	152	1602636	42.617	ng	100
50) Dimethylphthalate	9.60	163	1366130	48.574	ng	99
51) 2,6-Dinitrotoluene	9.66	165	266929	42.707	ng	94
52) Acenaphthene	9.91	154	1051400m	44.798	ng	
53) 3-Nitroaniline	9.83	138	206918	28.192	ng	99
54) 2,4-Dinitrophenol	9.94	184	237907	93.133	ng	97
55) Dibenzofuran	10.09	168	1404645	41.184	ng	99
56) 4-Nitrophenol	10.00	139	458844	81.658	ng	89
57) 2,4-Dinitrotoluene	10.07	165	351353	43.923	ng	93
58) Fluorene	10.43	166	1022511	39.950	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	311824	42.310	ng	99
60) Diethylphthalate	10.30	149	1179092	41.487	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	519843	37.463	ng	97
62) 4-Nitroaniline	10.45	138	264799	38.216	ng	98
63) Azobenzene	10.57	77	1053503	39.408	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	163445	55.366	ng	94
66) n-Nitrosodiphenylamine	10.53	169	971383	43.206	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	342416	41.912	ng	95
68) Hexachlorobenzene	10.97	284	375122	43.115	ng	97
69) Atrazine	11.06	200	261030	41.192	ng	99
70) Pentachlorophenol	11.17	266	404451	76.032	ng	98
71) Phenanthrene	11.39	178	1588725	44.549	ng	99
72) Anthracene	11.44	178	1552503	43.388	ng	100
73) Carbazole	11.59	167	1385985	40.047	ng	100
74) Di-n-butylphthalate	11.92	149	1715990	42.623	ng	100
75) Fluoranthene	12.57	202	1719983	44.822	ng	98
77) Benzidine	12.69	184	470667	38.153	ng	97
78) Pyrene	12.80	202	1681399	51.494	ng	99
80) Butylbenzylphthalate	13.42	149	633762	46.493	ng	95
81) Benzo(a)anthracene	13.99	228	1217557	48.386	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	343955	37.650	ng	99
83) Chrysene	14.03	228	1188824	45.064	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	845831	52.859	ng	100
85) Di-n-octyl phthalate	14.59	149	1345220	48.585	ng	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1256934	44.425	ng	100
88) Benzo(b)fluoranthene	15.04	252	1314615	45.754	ng	99
89) Benzo(k)fluoranthene	15.07	252	1063365	39.644	ng	99
90) Benzo(a)pyrene	15.40	252	1124787	44.755	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	974422	42.243	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1029796	45.264	ng	99

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

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