Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120744.D
Acq On : 29 Jun 2020 23:01
Operator : JU/CG
Sample : L2811-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Manual Integrations APPROVED
mohammad
6/30/2020 4:14:58 PM

Quant Time: Jun 30 03:11:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	62925	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	235093	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	122414	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	234173	20.00	ng		0.01
76) Chrysene-d12	13.97	240	340655	20.00	ng		0.01
86) Perylene-d12	15.41	264	400806	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	760124	207.10	ng		0.08
7) Phenol-d6	6.51	99	455190	99.58	ng		0.08
23) Nitrobenzene-d5	7.37	82	381261	90.65	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	191071	134.25	ng		0.02
45) 2-Fluorobiphenyl	9.16	172	779311	97.40	ng		0.00
79) Terphenyl-d14	12.91	244	908847	58.93	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	116062	66.720	ng		99
3) Pyridine	3.36	79	241445	49.374	ng		98
4) n-Nitrosodimethylamine	3.29	42	157014	77.369	ng		99
6) Aniline	6.47	93	137519	23.506	ng		97
8) 2-Chlorophenol	6.62	128	187863	45.295	ng		99
9) Benzaldehyde	6.35	77	31755	10.983	ng		96
10) Phenol	6.52	94	179983	36.902	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	175947	43.310	ng		100
12) 1,3-Dichlorobenzene	6.74	146	201772	45.761	ng		96
13) 1,4-Dichlorobenzene	6.82	146	203571	46.794	ng		97
14) 1,2-Dichlorobenzene	6.97	146	187465	44.237	ng		96
15) Benzyl Alcohol	6.96	79	157448	48.568	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	224389	38.360	ng		100
17) 2-Methylphenol	7.10	107	143536	40.576	ng		97
18) Hexachloroethane	7.31	117	65837	41.070	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	131445	49.571	ng		99
20) 3+4-Methylphenols	7.26	107	189233	42.809	ng	#	61
22) Acetophenone	7.21	105	263846	50.200	ng	#	91
24) Nitrobenzene	7.39	77	196934	44.745	ng		96
25) Isophorone	7.63	82	347902	42.464	ng		96
26) 2-Nitrophenol	7.70	139	93555	40.179	ng	#	88
27) 2,4-Dimethylphenol	7.76	122	153092	44.654	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	220815	46.496	ng		98
29) 2,4-Dichlorophenol	7.97	162	160051	45.927	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	181050	46.880	ng		99
31) Naphthalene	8.10	128	569963	49.374	ng		99
32) Benzoic acid	7.92	122	86894	33.034	ng		96
33) 4-Chloroaniline	8.16	127	119945	22.637	ng		98
34) Hexachlorobutadiene	8.22	225	109781	48.766	ng		98
35) Caprolactam	8.54	113	37205	33.380	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	169936	48.809	ng		94
37) 2-Methylnaphthalene	8.79	142	385633	51.173	ng		96
38) 1-Methylnaphthalene	8.89	142	364211	51.362	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	183292	50.146	ng		99

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Quant Time: Jun 30 03:11:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	64603	31.540	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	118108	45.552	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	123409	41.952	ng		98
46) 1,1'-Biphenyl	9.26	154	470910	51.518	ng		99
47) 2-Chloronaphthalene	9.29	162	364816	48.807	ng		99
48) 2-Nitroaniline	9.39	65	111955	47.689	ng		93
49) Acenaphthylene	9.70	152	560589	48.595	ng		99
50) Dimethylphthalate	9.56	163	492992	55.918	ng		99
51) 2,6-Dinitrotoluene	9.63	165	95446	47.770	ng	#	86
52) Acenaphthene	9.87	154	336229	48.870	ng		98
53) 3-Nitroaniline	9.81	138	82696	34.459	ng		97
54) 2,4-Dinitrophenol	9.91	184	26658	24.935	ng	#	92
55) Dibenzofuran	10.05	168	517362	49.042	ng		98
56) 4-Nitrophenol	10.02	139	100090m	55.377	ng		
57) 2,4-Dinitrotoluene	10.03	165	121357	45.773	ng	#	85
58) Fluorene	10.39	166	418297	51.436	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	103201	44.593	ng		94
60) Diethylphthalate	10.26	149	453539	52.233	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	207178	49.332	ng		92
62) 4-Nitroaniline	10.43	138	92025	38.626	ng		88
63) Azobenzene	10.54	77	386655	49.056	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	24944	17.752	ng		95
66) n-Nitrosodiphenylamine	10.50	169	373650	51.959	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	131564	49.503	ng		98
68) Hexachlorobenzene	10.93	284	144756	50.660	ng		97
69) Atrazine	11.03	200	95948	43.116	ng		98
70) Pentachlorophenol	11.15	266	97398	61.310	ng		99
71) Phenanthrene	11.35	178	597759	51.351	ng		99
72) Anthracene	11.40	178	623149	53.108	ng		98
73) Carbazole	11.56	167	550423	47.389	ng		99
74) Di-n-butylphthalate	11.88	149	725922	55.592	ng		99
75) Fluoranthene	12.54	202	634655	47.686	ng		99
77) Benzidine	12.66	184	138975	12.063	ng		98
78) Pyrene	12.77	202	627674	26.009	ng		99
80) Butylbenzylphthalate	13.38	149	282914	26.402	ng		94
81) Benzo(a)anthracene	13.96	228	988276	48.288	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	352361	45.074	ng		99
83) Chrysene	13.99	228	944675	44.999	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	686123	52.464	ng		100
85) Di-n-octyl phthalate	14.55	149	1181773	47.349	ng		100
87) Indeno(1,2,3-cd)pyrene	16.85	276	527288	21.628	ng		98
88) Benzo(b)fluoranthene	15.00	252	1059091	44.360	ng		99
89) Benzo(k)fluoranthene	15.03	252	882879	41.791	ng		99
90) Benzo(a)pyrene	15.35	252	1052692	49.267	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	451206	23.079	ng		99
92) Benzo(g,h,i)perylene	17.28	276	406503	20.628	ng		98

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

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