Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121406.D
Acq On : 24 Aug 2020 18:53
Operator : JU/CG
Sample : L3773-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMSD

Manual Integrations APPROVED
mohammad
8/25/2020 4:19:14 PM

Quant Time: Aug 25 09:45:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132540	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	450195	20.00	ng		0.01
39) Acenaphthene-d10	9.75	164	218866	20.00	ng		0.02
64) Phenanthrene-d10	11.23	188	416350	20.00	ng		0.02
76) Chrysene-d12	13.86	240	309712	20.00	ng		0.02
86) Perylene-d12	15.27	264	333778	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	811969	100.45	ng		0.02
7) Phenol-d6	6.35	99	965671	93.58	ng		0.00
23) Nitrobenzene-d5	7.27	82	664546	83.48	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	234300	91.87	ng		0.02
45) 2-Fluorobiphenyl	9.06	172	1069448	95.38	ng		0.01
79) Terphenyl-d14	12.81	244	1057634	66.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	159019	43.475	ng		100
3) Pyridine	3.08	79	381119	38.823	ng		99
4) n-Nitrosodimethylamine	3.03	42	191256	47.865	ng		99
6) Aniline	6.36	93	397314	33.346	ng	#	65
8) 2-Chlorophenol	6.49	128	417690	49.441	ng		99
9) Benzaldehyde	6.25	77	246263	42.423	ng		97
10) Phenol	6.36	94	468253	43.279	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	393074	47.172	ng		96
12) 1,3-Dichlorobenzene	6.64	146	418487	44.214	ng		99
13) 1,4-Dichlorobenzene	6.72	146	419734	43.928	ng		99
14) 1,2-Dichlorobenzene	6.87	146	399673	43.922	ng		98
15) Benzyl Alcohol	6.85	79	328543	52.918	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	520285	42.406	ng		89
17) 2-Methylphenol	6.97	107	317744	45.583	ng		95
18) Hexachloroethane	7.20	117	155995	43.846	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	252235	45.452	ng		99
20) 3+4-Methylphenols	7.12	107	381180	57.434	ng		94
22) Acetophenone	7.11	105	520099	49.415	ng		95
24) Nitrobenzene	7.29	77	401584	49.499	ng		99
25) Isophorone	7.53	82	771611	53.265	ng	#	98
26) 2-Nitrophenol	7.60	139	212579	51.090	ng		96
27) 2,4-Dimethylphenol	7.65	122	347580	58.543	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	455248	46.166	ng		95
29) 2,4-Dichlorophenol	7.85	162	334333	51.577	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	345831	46.654	ng		99
31) Naphthalene	8.01	128	1074448	47.954	ng		99
32) Benzoic acid	7.76	122	21409m	10.999	ng		
33) 4-Chloroaniline	8.06	127	331943	33.457	ng		96
34) Hexachlorobutadiene	8.12	225	202569	46.177	ng		99
35) Caprolactam	8.44	113	138873m	65.414	ng		
36) 4-Chloro-3-methylphenol	8.56	107	320841	48.938	ng		99
37) 2-Methylnaphthalene	8.70	142	690049	47.516	ng		99
38) 1-Methylnaphthalene	8.80	142	617478	44.717	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	293468	45.177	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	167782	66.359	ng		99
43) 2,4,6-Trichlorophenol	8.99	196	193273	43.521	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	213310	46.687	ng	#	93
46) 1,1'-Biphenyl	9.16	154	625082	38.105	ng		100
47) 2-Chloronaphthalene	9.19	162	554441	41.025	ng		99
48) 2-Nitroaniline	9.29	65	211037	49.595	ng		96
49) Acenaphthylene	9.60	152	951203	47.385	ng		99
50) Dimethylphthalate	9.47	163	635835	39.932	ng		99
51) 2,6-Dinitrotoluene	9.53	165	154715	45.496	ng		92
52) Acenaphthene	9.78	154	529640	43.424	ng		98
53) 3-Nitroaniline	9.70	138	153801	36.154	ng	#	90
54) 2,4-Dinitrophenol	9.82	184	11998	7.318	ng	#	55
55) Dibenzofuran	9.95	168	771147	50.153	ng		99
56) 4-Nitrophenol	9.88	139	220683	84.116	ng		92
57) 2,4-Dinitrotoluene	9.94	165	174361	42.029	ng		93
58) Fluorene	10.29	166	575311	51.075	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	145990	37.378	ng	#	70
60) Diethylphthalate	10.17	149	622688	40.047	ng		100
61) 4-Chlorophenyl-phenylether	10.28	204	285518	50.259	ng		92
62) 4-Nitroaniline	10.32	138	175126	40.177	ng		94
63) Azobenzene	10.45	77	609401	42.197	ng		98
65) 4,6-Dinitro-2-methylphenol	10.36	198	19823	8.903	ng	#	32
66) n-Nitrosodiphenylamine	10.40	169	463684	36.105	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	196928	42.640	ng	#	93
68) Hexachlorobenzene	10.85	284	212166	39.854	ng		98
69) Atrazine	10.93	200	186939	46.989	ng		98
70) Pentachlorophenol	11.04	266	98757	41.694	ng		99
71) Phenanthrene	11.25	178	894107	41.493	ng		99
72) Anthracene	11.30	178	901866	43.462	ng		100
73) Carbazole	11.46	167	861441	43.499	ng		99
74) Di-n-butylphthalate	11.79	149	989849	41.451	ng		99
75) Fluoranthene	12.44	202	1039631	44.450	ng		98
77) Benzidine	12.56	184	650341	76.217	ng		98
78) Pyrene	12.67	202	1050926	45.173	ng		99
80) Butylbenzylphthalate	13.28	149	488044	48.821	ng		100
81) Benzo(a)anthracene	13.85	228	849488	44.160	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	159624	21.612	ng		98
83) Chrysene	13.89	228	860062	43.715	ng		100
84) Bis(2-ethylhexyl)phthalate	13.84	149	606859	51.621	ng	#	99
85) Di-n-octyl phthalate	14.45	149	1001263	46.022	ng		100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1026877	50.400	ng		100
88) Benzo(b)fluoranthene	14.87	252	835065	38.726	ng		99
89) Benzo(k)fluoranthene	14.90	252	778525	41.015	ng		99
90) Benzo(a)pyrene	15.22	252	744957	39.983	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	833299	49.882	ng		99
92) Benzo(g,h,i)perylene	17.07	276	893775	54.727	ng		99

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

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