Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116961.D
Acq On : 11 Sep 2019 22:01
Operator : HP/JU
Sample : K4738-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03AMS

Manual Integrations APPROVED
mohammad
9/16/2019 8:58:00 AM

Quant Time: Sep 12 07:34:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62556	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	255617	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	134540	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	233423	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	186067	20.00	ng		-0.01
87) Perylene-d12	15.42	264	191060	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	386318	100.05	ng		-0.01
7) Phenol-d6	6.46	99	530950	104.72	ng		-0.02
23) Nitrobenzene-d5	7.38	82	317846	70.99	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	115690	128.63	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	550046	68.97	ng		-0.02
79) Terphenyl-d14	12.92	244	602407	59.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	63269	35.495	ng		97
3) Pyridine	3.29	79	158193	30.652	ng		91
4) n-Nitrosodimethylamine	3.22	42	64682	36.497	ng		84
6) Aniline	6.48	93	190837	27.174	ng		96
8) 2-Chlorophenol	6.61	128	194211	46.074	ng		99
9) Benzaldehyde	6.37	77	120673	36.125	ng		97
10) Phenol	6.47	94	263312	46.898	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	177801	40.671	ng		100
12) 1,3-Dichlorobenzene	6.76	146	197404	41.436	ng		98
13) 1,4-Dichlorobenzene	6.84	146	205170	43.258	ng		99
14) 1,2-Dichlorobenzene	6.99	146	193105	43.933	ng		94
15) Benzyl Alcohol	6.96	79	179495	43.611	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	173714	33.868	ng		88
17) 2-Methylphenol	7.07	107	156830	42.501	ng		96
18) Hexachloroethane	7.34	117	78248	42.463	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	139274	41.718	ng		93
20) 3+4-Methylphenols	7.23	107	204184	47.591	ng	#	71
22) Acetophenone	7.23	105	281234	45.699	ng		96
24) Nitrobenzene	7.40	77	216370	47.512	ng		94
25) Isophorone	7.64	82	387937	42.756	ng		98
26) 2-Nitrophenol	7.72	139	97381	57.517	ng		93
27) 2,4-Dimethylphenol	7.76	122	167924	49.110	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	232494	41.931	ng		98
29) 2,4-Dichlorophenol	7.96	162	157283	47.864	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	156521	43.915	ng		96
31) Naphthalene	8.13	128	552979	45.495	ng		99
32) Benzoic acid	7.85	122	53990	27.964	ng		96
33) 4-Chloroaniline	8.17	127	76941	13.906	ng		99
34) Hexachlorobutadiene	8.25	225	86066	44.287	ng		98
35) Caprolactam	8.53	113	52907m	43.021	ng		
36) 4-Chloro-3-methylphenol	8.66	107	187960	49.767	ng		100
37) 2-Methylnaphthalene	8.82	142	379033	46.868	ng		98
38) 1-Methylnaphthalene	8.92	142	348871	45.698	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	146319	45.368	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143863	77.245	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	104038	47.058	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	114239	49.772	ng	#	92
46) 1,1'-Biphenyl	9.28	154	453820	44.453	ng		99
47) 2-Chloronaphthalene	9.30	162	357180	44.173	ng		99
48) 2-Nitroaniline	9.40	65	117313	50.184	ng		100
49) Acenaphthylene	9.72	152	568082	46.477	ng		99
50) Dimethylphthalate	9.58	163	513179	55.248	ng		98
51) 2,6-Dinitrotoluene	9.64	165	93798	52.927	ng		92
52) Acenaphthene	9.89	154	334723	44.569	ng		99
53) 3-Nitroaniline	9.80	138	70629	31.802	ng		93
54) 2,4-Dinitrophenol	9.92	184	46017	73.950	ng		96
55) Dibenzofuran	10.06	168	502441	47.457	ng		98
56) 4-Nitrophenol	9.97	139	157164	103.205	ng		91
57) 2,4-Dinitrotoluene	10.05	165	127470	58.824	ng		95
58) Fluorene	10.40	166	403046	49.962	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84770	51.174	ng		92
60) Diethylphthalate	10.27	149	436085	46.869	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	172963	48.963	ng		94
62) 4-Nitroaniline	10.42	138	116419	54.015	ng		98
63) Azobenzene	10.56	77	448705	46.249	ng		92
65) 4,6-Dinitro-2-methylphenol	10.45	198	41568	48.298	ng		83
66) n-Nitrosodiphenylamine	10.51	169	358040	44.340	ng		96
67) 4-Bromophenyl-phenylether	10.88	248	104183	43.936	ng		96
68) Hexachlorobenzene	10.96	284	107622	43.379	ng		97
69) Atrazine	11.04	200	104391	46.159	ng		98
70) Pentachlorophenol	11.15	266	102918	85.754	ng		96
71) Phenanthrene	11.36	178	600892	46.244	ng		100
72) Anthracene	11.42	178	619755	47.382	ng		100
73) Carbazole	11.57	167	596298	47.859	ng		100
74) Di-n-butylphthalate	11.90	149	738658	46.244	ng		100
75) Fluoranthene	12.55	202	640000	50.119	ng		98
77) Benzidine	12.66	184	263384	36.090	ng		99
78) Pyrene	12.78	202	653468	39.508	ng		99
80) Butylbenzylphthalate	13.39	149	325040	40.410	ng		93
81) Benzo(a)anthracene	13.96	228	543859	46.183	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	109127	27.421	ng		97
83) Chrysene	14.00	228	538091	44.352	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	446458	44.965	ng		98
85) Di-n-octyl phthalate	14.56	149	769569	47.363	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.86	276	484135	49.681	ng		98
88) Benzo(b)fluoranthene	15.00	252	535599	46.367	ng		98
89) Benzo(k)fluoranthene	15.03	252	439503	41.730	ng		99
90) Benzo(a)pyrene	15.36	252	467469	46.516	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	398683	45.323	ng		97
92) Benzo(g,h,i)perylene	17.29	276	410856	45.796	ng		95

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

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