Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116962.D
Acq On : 11 Sep 2019 22:28
Operator : HP/JU
Sample : K4738-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/16/2019 8:58:03 AM

Quant Time: Sep 12 07:35:40 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	61838	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	244210	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	129452	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	223966	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	175539	20.00	ng		-0.01
87) Perylene-d12	15.42	264	177669	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	368643	96.58	ng		-0.01
7) Phenol-d6	6.46	99	518184	103.39	ng		-0.02
23) Nitrobenzene-d5	7.38	82	308927	72.22	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	107612	124.35	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	529603	69.01	ng		-0.02
79) Terphenyl-d14	12.92	244	567596	59.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	60326	34.237	ng		97
3) Pyridine	3.29	79	156821	30.739	ng		90
4) n-Nitrosodimethylamine	3.22	42	62693	35.786	ng		83
6) Aniline	6.48	93	187838	27.058	ng		95
8) 2-Chlorophenol	6.61	128	184644	44.313	ng		99
9) Benzaldehyde	6.37	77	115028	34.835	ng		98
10) Phenol	6.47	94	254483	45.852	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	173863	40.231	ng		97
12) 1,3-Dichlorobenzene	6.76	146	192371	40.849	ng		100
13) 1,4-Dichlorobenzene	6.84	146	197114	42.042	ng		99
14) 1,2-Dichlorobenzene	6.99	146	185676	42.733	ng		95
15) Benzyl Alcohol	6.96	79	175642	43.171	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	166421	32.823	ng		90
17) 2-Methylphenol	7.07	107	152497	41.807	ng		98
18) Hexachloroethane	7.34	117	76191	41.827	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	133656	40.500	ng		92
20) 3+4-Methylphenols	7.23	107	197780	46.634	ng	#	73
22) Acetophenone	7.23	105	270663	46.036	ng		97
24) Nitrobenzene	7.40	77	206881	47.551	ng		93
25) Isophorone	7.64	82	372120	42.929	ng		99
26) 2-Nitrophenol	7.72	139	94893	58.665	ng		93
27) 2,4-Dimethylphenol	7.76	122	158655	48.567	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	221898	41.890	ng		99
29) 2,4-Dichlorophenol	7.96	162	151618	48.295	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	151049	44.359	ng		98
31) Naphthalene	8.13	128	526900	45.374	ng		99
32) Benzoic acid	7.85	122	49179	26.662	ng		98
33) 4-Chloroaniline	8.17	127	92028	17.410	ng		99
34) Hexachlorobutadiene	8.25	225	83617	45.037	ng		98
35) Caprolactam	8.53	113	50232m	42.754	ng		
36) 4-Chloro-3-methylphenol	8.66	107	180394	49.995	ng		98
37) 2-Methylnaphthalene	8.82	142	364001	47.112	ng		99
38) 1-Methylnaphthalene	8.92	142	333511	45.726	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	143124	46.121	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	138750	77.427	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	97958	46.049	ng		95
44) 2,4,5-Trichlorophenol	9.13	196	110889	50.211	ng	#	93
46) 1,1'-Biphenyl	9.28	154	433122	44.093	ng		98
47) 2-Chloronaphthalene	9.30	162	337495	43.379	ng		99
48) 2-Nitroaniline	9.40	65	110487	49.121	ng		96
49) Acenaphthylene	9.72	152	541246	46.021	ng		99
50) Dimethylphthalate	9.57	163	491997	55.050	ng		99
51) 2,6-Dinitrotoluene	9.64	165	88683	52.008	ng		88
52) Acenaphthene	9.89	154	317206	43.897	ng		98
53) 3-Nitroaniline	9.80	138	70574	33.026	ng		93
54) 2,4-Dinitrophenol	9.92	184	41691	70.159	ng		98
55) Dibenzofuran	10.06	168	479715	47.092	ng		99
56) 4-Nitrophenol	9.97	139	148010	101.014	ng		88
57) 2,4-Dinitrotoluene	10.05	165	122296	58.655	ng		90
58) Fluorene	10.40	166	381186	49.109	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	80177	50.304	ng		95
60) Diethylphthalate	10.27	149	411104	45.921	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	164087	48.276	ng		92
62) 4-Nitroaniline	10.42	138	109326	52.717	ng		94
63) Azobenzene	10.55	77	419728	44.963	ng		95
65) 4,6-Dinitro-2-methylphenol	10.45	198	36791	45.130	ng		82
66) n-Nitrosodiphenylamine	10.51	169	335889	43.353	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	97044	42.653	ng		96
68) Hexachlorobenzene	10.96	284	102108	42.894	ng		92
69) Atrazine	11.03	200	99942	46.058	ng		98
70) Pentachlorophenol	11.15	266	94415	81.991	ng		95
71) Phenanthrene	11.36	178	560883	44.988	ng		100
72) Anthracene	11.42	178	584122	46.543	ng		99
73) Carbazole	11.57	167	562758	47.074	ng		99
74) Di-n-butylphthalate	11.90	149	679217	44.319	ng		99
75) Fluoranthene	12.55	202	602957	49.211	ng		99
77) Benzidine	12.66	184	255826	37.157	ng		99
78) Pyrene	12.77	202	614739	39.396	ng		98
80) Butylbenzylphthalate	13.39	149	307054	40.464	ng		98
81) Benzo(a)anthracene	13.96	228	514463	46.307	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	110585	29.454	ng		99
83) Chrysene	14.00	228	501197	43.789	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	411025	43.879	ng	#	98
85) Di-n-octyl phthalate	14.56	149	708200	46.200	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.86	276	458937	49.919	ng		98
88) Benzo(b)fluoranthene	15.00	252	447398	41.651	ng		99
89) Benzo(k)fluoranthene	15.03	252	456544	46.615	ng		97
90) Benzo(a)pyrene	15.36	252	428951	45.900	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	371251	45.385	ng		98
92) Benzo(g,h,i)perylene	17.29	276	382215	45.815	ng		98

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

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