Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117378.D
Acq On : 12 Oct 2019 19:43
Operator : JU
Sample : K5145-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MS

Manual Integrations APPROVED
mohammad
10/16/2019 8:05:53 AM

Quant Time: Oct 14 02:35:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44748	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	186390	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	99460	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	169021	20.00	ng		0.00
76) Chrysene-d12	13.97	240	137959	20.00	ng		0.00
87) Perylene-d12	15.42	264	128412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	349814	122.05	ng		0.00
7) Phenol-d6	6.45	99	462091	124.75	ng		0.00
23) Nitrobenzene-d5	7.36	82	292687	82.51	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	104542	125.76	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	537939	84.57	ng		-0.01
79) Terphenyl-d14	12.90	244	603598	81.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	44496	37.100	ng	#	86
3) Pyridine	3.41	79	96732m	29.467	ng		
4) n-Nitrosodimethylamine	3.29	42	47188	41.887	ng		93
6) Aniline	6.47	93	25866	5.424	ng	#	1
8) 2-Chlorophenol	6.59	128	128329	41.503	ng		99
9) Benzaldehyde	6.35	77	63753	32.731	ng		98
10) Phenol	6.46	94	153863	37.679	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	120420	40.124	ng		99
12) 1,3-Dichlorobenzene	6.73	146	130436	37.593	ng		99
13) 1,4-Dichlorobenzene	6.81	146	135660	38.313	ng		99
14) 1,2-Dichlorobenzene	6.96	146	126876	38.486	ng		98
15) Benzyl Alcohol	6.95	79	119566	42.093	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	118906	40.102	ng	#	42
17) 2-Methylphenol	7.06	107	104887	40.475	ng	#	83
18) Hexachloroethane	7.30	117	50393	36.995	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	96036	42.578	ng		95
20) 3+4-Methylphenols	7.22	107	139345	43.169	ng	#	56
22) Acetophenone	7.20	105	191085	40.351	ng	#	94
24) Nitrobenzene	7.38	77	145143	41.431	ng		96
25) Isophorone	7.62	82	263792	41.998	ng		98
26) 2-Nitrophenol	7.70	139	66887	44.450	ng		98
27) 2,4-Dimethylphenol	7.74	122	111379	46.676	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	158431	40.940	ng		100
29) 2,4-Dichlorophenol	7.95	162	103949	41.574	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	104091	38.534	ng		99
31) Naphthalene	8.10	128	379393	42.323	ng		99
32) Benzoic acid	7.89	122	43715	27.523	ng		93
33) 4-Chloroaniline	8.16	127	13594	3.419	ng	#	96
34) Hexachlorobutadiene	8.22	225	57547	37.549	ng		96
35) Caprolactam	8.53	113	33702m	39.823	ng		
36) 4-Chloro-3-methylphenol	8.65	107	127390	43.695	ng		99
37) 2-Methylnaphthalene	8.79	142	261137	43.260	ng		97
38) 1-Methylnaphthalene	8.89	142	239844	42.423	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	99400	38.702	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	52755	49.758	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	71868	41.234	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	74257	39.876	ng		97
46) 1,1'-Biphenyl	9.25	154	308677	39.566	ng		99
47) 2-Chloronaphthalene	9.28	162	240810	39.111	ng		98
48) 2-Nitroaniline	9.38	65	78464	39.730	ng		90
49) Acenaphthylene	9.69	152	383080	41.532	ng		100
50) Dimethylphthalate	9.55	163	283394	40.242	ng		99
51) 2,6-Dinitrotoluene	9.62	165	63141	44.023	ng	#	89
52) Acenaphthene	9.87	154	224441	41.048	ng		99
53) 3-Nitroaniline	9.80	138	22138	12.233	ng		94
54) 2,4-Dinitrophenol	9.92	184	49038	79.275	ng		95
55) Dibenzofuran	10.04	168	340182	42.168	ng		98
56) 4-Nitrophenol	9.98	139	78774	67.165	ng		93
57) 2,4-Dinitrotoluene	10.03	165	86078	46.234	ng	#	80
58) Fluorene	10.38	166	279589	43.024	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	59544	41.785	ng		98
60) Diethylphthalate	10.25	149	294406	42.493	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	121710	43.288	ng		100
62) 4-Nitroaniline	10.42	138	65680	34.900	ng		98
63) Azobenzene	10.53	77	302460	42.744	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	37740	48.860	ng		90
66) n-Nitrosodiphenylamine	10.49	169	246824	42.284	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	68200	39.511	ng		93
68) Hexachlorobenzene	10.94	284	72520	38.412	ng		96
69) Atrazine	11.02	200	68148	47.675	ng		99
70) Pentachlorophenol	11.14	266	70602	79.779	ng		98
71) Phenanthrene	11.35	178	401376	41.809	ng		99
72) Anthracene	11.40	178	422307	43.087	ng		99
73) Carbazole	11.56	167	403365	43.357	ng		98
74) Di-n-butylphthalate	11.87	149	505022	45.625	ng		99
75) Fluoranthene	12.54	202	429525	43.543	ng		97
77) Benzidine	12.66	184	14196m	3.194	ng		
78) Pyrene	12.77	202	444414	38.392	ng		98
80) Butylbenzylphthalate	13.37	149	222115	40.608	ng		97
81) Benzo(a)anthracene	13.96	228	369260	40.062	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	28433	9.573	ng		88
83) Chrysene	13.99	228	364838	40.584	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	318273	45.129	ng		98
85) Di-n-octyl phthalate	14.54	149	544310	49.037	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	295960	45.126	ng		98
88) Benzo(b)fluoranthene	15.00	252	339789	43.684	ng		99
89) Benzo(k)fluoranthene	15.03	252	301890	40.972	ng		99
90) Benzo(a)pyrene	15.36	252	296032	43.370	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	253115	46.550	ng		99
92) Benzo(g,h,i)perylene	17.31	276	238445	44.006	ng		99

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

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