Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112273.D
Acq On : 28 Jan 2019 14:36
Operator : JU/SJ
Sample : K1258-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-AA01-BB01-AA01A-AA0

Manual Integrations APPROVED
mohammad
1/29/2019 9:35:01 AM

Quant Time: Jan 29 00:50:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	198838	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	776897	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	391224	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	749732	20.00	ng		0.00
76) Chrysene-d12	14.01	240	581850	20.00	ng		0.00
87) Perylene-d12	15.47	264	492875	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1387386	148.21	ng		0.00
7) Phenol-d6	6.49	99	1744576	134.12	ng		0.00
23) Nitrobenzene-d5	7.41	82	1129614	83.78	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	572821	125.79	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2252981	81.45	ng		0.00
79) Terphenyl-d14	12.94	244	2357560	76.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	144199	38.668	ng		96
3) Pyridine	3.44	79	154890	16.328	ng		95
4) n-Nitrosodimethylamine	3.36	42	187376	47.016	ng		96
6) Aniline	6.50	93	442612	28.604	ng	#	27
8) 2-Chlorophenol	6.63	128	465918	36.997	ng		95
9) Benzaldehyde	6.39	77	86392	12.707	ng		94
10) Phenol	6.50	94	605994	42.463	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	422275	37.584	ng		99
12) 1,3-Dichlorobenzene	6.79	146	504826	34.421	ng		99
13) 1,4-Dichlorobenzene	6.86	146	527030	34.917	ng		97
14) 1,2-Dichlorobenzene	7.02	146	485608	34.363	ng		98
15) Benzyl Alcohol	6.99	79	393504	35.886	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	522596	36.226	ng		75
17) 2-Methylphenol	7.10	107	367924	36.855	ng		94
18) Hexachloroethane	7.35	117	186044	35.101	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	312406	34.830	ng		99
20) 3+4-Methylphenols	7.26	107	472786	37.035	ng	#	80
22) Acetophenone	7.25	105	625435	33.061	ng	#	98
24) Nitrobenzene	7.42	77	471080	34.983	ng		100
25) Isophorone	7.66	82	840079	39.716	ng		98
26) 2-Nitrophenol	7.74	139	260486	36.197	ng		93
27) 2,4-Dimethylphenol	7.78	122	411548	41.508	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	539804	37.479	ng		98
29) 2,4-Dichlorophenol	7.99	162	409398	36.898	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	453647	35.570	ng		99
31) Naphthalene	8.15	128	1359912	37.431	ng		99
32) Benzoic acid	7.89	122	55578	9.827	ng		93
33) 4-Chloroaniline	8.19	127	410072	25.922	ng		97
34) Hexachlorobutadiene	8.26	225	247164	33.025	ng		98
35) Caprolactam	8.56	113	119193m	30.452	ng		
36) 4-Chloro-3-methylphenol	8.69	107	417619	35.555	ng		97
37) 2-Methylnaphthalene	8.84	142	965886	38.835	ng		97
38) 1-Methylnaphthalene	8.94	142	911142	38.221	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	445945	34.717	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	322710	67.918	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	281329	35.530	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	296506	35.830	ng		96
46) 1,1'-Biphenyl	9.30	154	1179932	34.499	ng		99
47) 2-Chloronaphthalene	9.33	162	908026	34.236	ng		97
48) 2-Nitroaniline	9.42	65	251904	34.846	ng		90
49) Acenaphthylene	9.75	152	1429532	36.773	ng		99
50) Dimethylphthalate	9.60	163	1192195	39.222	ng		99
51) 2,6-Dinitrotoluene	9.66	165	244667	35.941	ng	#	87
52) Acenaphthene	9.92	154	824626	35.510	ng		99
53) 3-Nitroaniline	9.83	138	201724	27.352	ng		90
54) 2,4-Dinitrophenol	9.95	184	141951	64.974	ng		98
55) Dibenzofuran	10.09	168	1259454	35.490	ng		95
56) 4-Nitrophenol	10.02	139	279112	71.582	ng		95
57) 2,4-Dinitrotoluene	10.07	165	321197	37.062	ng		92
58) Fluorene	10.43	166	1001293	37.704	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	242755	38.818	ng		99
60) Diethylphthalate	10.30	149	1065484	35.322	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	493007	34.128	ng		95
62) 4-Nitroaniline	10.45	138	245907	33.993	ng		96
63) Azobenzene	10.58	77	934615	35.230	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	134144	31.913	ng		91
66) n-Nitrosodiphenylamine	10.54	169	887677	35.130	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	311227	35.295	ng		97
68) Hexachlorobenzene	10.98	284	326916	34.556	ng		96
69) Atrazine	11.06	200	292255	35.845	ng		96
70) Pentachlorophenol	11.18	266	231676	62.936	ng		97
71) Phenanthrene	11.39	178	1440791	36.965	ng		100
72) Anthracene	11.44	178	1506883	38.811	ng		99
73) Carbazole	11.60	167	1324540	34.584	ng		99
74) Di-n-butylphthalate	11.92	149	1662702	34.976	ng		98
75) Fluoranthene	12.58	202	1511609	36.158	ng		98
77) Benzidine	12.69	184	287833	17.973	ng		96
78) Pyrene	12.81	202	1519356	37.716	ng		99
80) Butylbenzylphthalate	13.42	149	705424	36.194	ng		97
81) Benzo(a)anthracene	14.00	228	1314158	38.421	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	347608	27.155	ng		99
83) Chrysene	14.03	228	1226510	37.566	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	978995	35.386	ng		99
85) Di-n-octyl phthalate	14.58	149	1525738	35.845	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1051321	40.637	ng		98
88) Benzo(b)fluoranthene	15.04	252	1143073	38.779	ng		98
89) Benzo(k)fluoranthene	15.07	252	1092295	38.687	ng		99
90) Benzo(a)pyrene	15.41	252	1040038	39.214	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	872760	40.830	ng		99
92) Benzo(g,h,i)perylene	17.39	276	867705	43.026	ng		98

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

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