Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115904.D
Acq On : 1 Aug 2019 13:39
Operator : HP/JU
Sample : K4021-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-AMSD

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:58 PM

Quant Time: Aug 01 18:21:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134798	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	514886	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	271102	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	444862	20.00	ng		0.00
76) Chrysene-d12	14.03	240	298879	20.00	ng		0.00
87) Perylene-d12	15.50	264	353682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	999807	124.17	ng		0.02
7) Phenol-d6	6.50	99	1340571	131.96	ng		0.01
23) Nitrobenzene-d5	7.42	82	854540	95.80	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	335983	127.83	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1394427	96.34	ng		0.00
79) Terphenyl-d14	12.97	244	1276783	90.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	141933	34.891	ng		99
3) Pyridine	3.43	79	375411	33.037	ng		98
4) n-Nitrosodimethylamine	3.36	42	174787	38.977	ng		99
6) Aniline	6.52	93	332699	22.867	ng	#	86
8) 2-Chlorophenol	6.65	128	374180	42.024	ng		99
9) Benzaldehyde	6.40	77	219589	31.326	ng		99
10) Phenol	6.51	94	496563	41.506	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	354046	40.252	ng		98
12) 1,3-Dichlorobenzene	6.80	146	398502	38.726	ng		100
13) 1,4-Dichlorobenzene	6.87	146	404952	39.303	ng		99
14) 1,2-Dichlorobenzene	7.03	146	373651	39.384	ng		99
15) Benzyl Alcohol	7.00	79	336115	43.596	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	477174	39.773	ng		97
17) 2-Methylphenol	7.11	107	318262	42.213	ng		99
18) Hexachloroethane	7.37	117	145595	38.380	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	257937	40.972	ng		99
20) 3+4-Methylphenols	7.26	107	381787	42.791	ng	#	86
22) Acetophenone	7.26	105	505156	44.735	ng		98
24) Nitrobenzene	7.43	77	415761	43.167	ng		99
25) Isophorone	7.67	82	745139	43.687	ng		99
26) 2-Nitrophenol	7.75	139	205003	45.154	ng		99
27) 2,4-Dimethylphenol	7.79	122	332588	48.692	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	456919	43.221	ng		99
29) 2,4-Dichlorophenol	8.00	162	328216	45.509	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	347110	42.222	ng		99
31) Naphthalene	8.16	128	1076921	44.447	ng		100
32) Benzoic acid	7.92	122	123141	25.571	ng		100
33) 4-Chloroaniline	8.20	127	151933	14.034	ng		98
34) Hexachlorobutadiene	8.27	225	194564	41.088	ng		100
35) Caprolactam	8.58	113	104870m	44.959	ng		
36) 4-Chloro-3-methylphenol	8.70	107	348558	46.457	ng		96
37) 2-Methylnaphthalene	8.85	142	729863	45.739	ng		99
38) 1-Methylnaphthalene	8.95	142	679806	45.032	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	329951	45.525	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	128941	42.618 ng	100
43) 2,4,6-Trichlorophenol	9.14	196	220204	44.141 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	235426	45.654 ng	99
46) 1,1'-Biphenyl	9.32	154	876980	45.820 ng	100
47) 2-Chloronaphthalene	9.35	162	690788	43.364 ng	100
48) 2-Nitroaniline	9.44	65	226126	42.945 ng	92
49) Acenaphthylene	9.76	152	1060475	45.631 ng	99
50) Dimethylphthalate	9.62	163	1153789	62.506 ng	99
51) 2,6-Dinitrotoluene	9.68	165	180356	44.960 ng	89
52) Acenaphthene	9.93	154	628709	44.097 ng	100
53) 3-Nitroaniline	9.85	138	114208	23.041 ng	98
54) 2,4-Dinitrophenol	9.96	184	72741	39.983 ng	99
55) Dibenzofuran	10.10	168	948401	45.741 ng	98
56) 4-Nitrophenol	10.02	139	292033	91.972 ng	95
57) 2,4-Dinitrotoluene	10.09	165	240485	45.027 ng	98
58) Fluorene	10.45	166	725934	45.506 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	186716	43.037 ng	99
60) Diethylphthalate	10.32	149	780291	45.277 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	364582	45.127 ng	98
62) 4-Nitroaniline	10.47	138	180293	35.197 ng	97
63) Azobenzene	10.60	77	795769	44.893 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	66123	28.048 ng	94
66) n-Nitrosodiphenylamine	10.56	169	655369	48.945 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	219808	46.156 ng	93
68) Hexachlorobenzene	11.00	284	239776	43.542 ng	95
69) Atrazine	11.08	200	204528	46.431 ng	100
70) Pentachlorophenol	11.20	266	214832	80.355 ng	98
71) Phenanthrene	11.41	178	1053303	46.315 ng	99
72) Anthracene	11.46	178	1056902	45.920 ng	99
73) Carbazole	11.62	167	929609	44.519 ng	99
74) Di-n-butylphthalate	11.94	149	1169107	47.995 ng	100
75) Fluoranthene	12.60	202	1012028	42.506 ng	98
77) Benzidine	12.72	184	445600	44.130 ng	96
78) Pyrene	12.83	202	1008090	44.744 ng	100
80) Butylbenzylphthalate	13.44	149	427173	44.823 ng	100
81) Benzo(a)anthracene	14.02	228	850466	44.519 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	282306	42.536 ng	98
83) Chrysene	14.06	228	826547	44.567 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	589018	47.561 ng	99
85) Di-n-octyl phthalate	14.61	149	997386	50.703 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	853133	54.769 ng	98
88) Benzo(b)fluoranthene	15.07	252	914106	44.699 ng	98
89) Benzo(k)fluoranthene	15.10	252	845314	42.438 ng	99
90) Benzo(a)pyrene	15.44	252	849490	46.468 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	710633	44.908 ng	98
92) Benzo(g,h,i)perylene	17.43	276	667677	42.963 ng	98

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

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