Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116231.D
Acq On : 13 Aug 2019 15:00
Operator : HP/JU
Sample : K4200-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14MSD

Quant Time: Aug 14 11:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136256	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	556048	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	322324	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	613870	20.00	ng		0.00
76) Chrysene-d12	14.01	240	464414	20.00	ng		0.00
87) Perylene-d12	15.47	264	472538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	765375	94.04	ng		0.00
7) Phenol-d6	6.48	99	1008872	98.24	ng		0.00
23) Nitrobenzene-d5	7.40	82	654947	67.99	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	325984	104.31	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1168362	67.90	ng		-0.01
79) Terphenyl-d14	12.95	244	1500240	68.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	107932	26.249	ng		99
3) Pyridine	3.39	79	278927	24.284	ng		99
4) n-Nitrosodimethylamine	3.33	42	131293	28.965	ng		98
6) Aniline	6.50	93	354226	24.086	ng	#	86
8) 2-Chlorophenol	6.62	128	315462	35.050	ng		96
9) Benzaldehyde	6.39	77	162737	22.967	ng		98
10) Phenol	6.49	94	411712	34.046	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	298958	33.625	ng		99
12) 1,3-Dichlorobenzene	6.77	146	330404	31.764	ng		98
13) 1,4-Dichlorobenzene	6.85	146	337341	32.390	ng		98
14) 1,2-Dichlorobenzene	7.00	146	315813	32.932	ng		99
15) Benzyl Alcohol	6.98	79	269623	34.597	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	397120	32.747	ng		76
17) 2-Methylphenol	7.09	107	270351	35.474	ng		98
18) Hexachloroethane	7.34	117	121463	31.676	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	224386	35.261	ng		96
20) 3+4-Methylphenols	7.25	107	341995	37.921	ng		93
22) Acetophenone	7.25	105	436625	35.804	ng		98
24) Nitrobenzene	7.42	77	361506	34.755	ng		98
25) Isophorone	7.66	82	669762	36.361	ng		99
26) 2-Nitrophenol	7.73	139	180111	36.735	ng		99
27) 2,4-Dimethylphenol	7.77	122	286916	38.896	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	401366	35.155	ng		100
29) 2,4-Dichlorophenol	7.98	162	298523	38.328	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	297095	33.463	ng		99
31) Naphthalene	8.13	128	932118	35.623	ng		99
32) Benzoic acid	7.91	122	14803m	2.846	ng		
33) 4-Chloroaniline	8.19	127	199785	17.088	ng		98
34) Hexachlorobutadiene	8.25	225	161570	31.594	ng		99
35) Caprolactam	8.56	113	98370m	39.050	ng		
36) 4-Chloro-3-methylphenol	8.68	107	322197	39.764	ng		100
37) 2-Methylnaphthalene	8.83	142	640867	37.189	ng		99
38) 1-Methylnaphthalene	8.93	142	604099	37.055	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	293915	34.109	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	115160	33.487	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	199016	33.554	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	215729	35.186	ng		99
46) 1,1'-Biphenyl	9.29	154	797713	35.055	ng		99
47) 2-Chloronaphthalene	9.32	162	632562	33.399	ng		98
48) 2-Nitroaniline	9.42	65	219283	35.028	ng		96
49) Acenaphthylene	9.73	152	986905	35.717	ng		98
50) Dimethylphthalate	9.59	163	1071962	48.844	ng		100
51) 2,6-Dinitrotoluene	9.66	165	179439	37.623	ng		96
52) Acenaphthene	9.90	154	599306	35.354	ng		100
53) 3-Nitroaniline	9.83	138	158196	26.844	ng		98
54) 2,4-Dinitrophenol	9.96	184	50446	26.577	ng		98
55) Dibenzofuran	10.08	168	848389	34.415	ng		100
56) 4-Nitrophenol	10.02	139	253984	67.277	ng		92
57) 2,4-Dinitrotoluene	10.07	165	230714	36.333	ng		93
58) Fluorene	10.42	166	717759	37.844	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200401	38.851	ng		98
60) Diethylphthalate	10.29	149	806641	39.368	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	358267	37.298	ng		99
62) 4-Nitroaniline	10.46	138	203782	33.460	ng		98
63) Azobenzene	10.57	77	791826	37.571	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	104240	32.043	ng		98
66) n-Nitrosodiphenylamine	10.53	169	660282	35.736	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	227686	34.648	ng		98
68) Hexachlorobenzene	10.98	284	252655	33.249	ng		93
69) Atrazine	11.06	200	225454	37.090	ng		99
70) Pentachlorophenol	11.17	266	226328	61.348	ng		98
71) Phenanthrene	11.39	178	1101356	35.095	ng		100
72) Anthracene	11.44	178	1143800	36.013	ng		99
73) Carbazole	11.59	167	1076242	37.351	ng		99
74) Di-n-butylphthalate	11.92	149	1307642	38.902	ng		99
75) Fluoranthene	12.57	202	1204833	36.672	ng		98
77) Benzidine	12.69	184	533726	34.017	ng		99
78) Pyrene	12.80	202	1214433	34.690	ng		99
80) Butylbenzylphthalate	13.41	149	579306	39.119	ng		95
81) Benzo(a)anthracene	14.00	228	1050205	35.380	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	259854	25.198	ng		98
83) Chrysene	14.03	228	1002104	34.773	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	823251	42.780	ng	#	97
85) Di-n-octyl phthalate	14.57	149	1342427	43.919	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	897404	37.076	ng		100
88) Benzo(b)fluoranthene	15.04	252	904419	33.101	ng		99
89) Benzo(k)fluoranthene	15.07	252	930984	34.983	ng		98
90) Benzo(a)pyrene	15.42	252	870068	35.623	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	754368	35.681	ng		99
92) Benzo(g,h,i)perylene	17.40	276	734436	35.372	ng		98

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

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