Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116434.D
Acq On : 20 Aug 2019 15:23
Operator : HP/JU
Sample : K4350-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:17 PM

Quant Time: Aug 20 18:54:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102862	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	405142	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	224178	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	420580	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	317428	20.00	ng		-0.01
87) Perylene-d12	15.42	264	330669	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	721173	117.37	ng		0.00
7) Phenol-d6	6.46	99	886304	114.33	ng		0.00
23) Nitrobenzene-d5	7.37	82	619666	88.29	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	257928	118.67	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1031494	86.18	ng		-0.01
79) Terphenyl-d14	12.90	244	1256820	83.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	104492	33.662	ng		97
3) Pyridine	3.26	79	271392	31.298	ng		99
4) n-Nitrosodimethylamine	3.19	42	116717	34.109	ng		100
6) Aniline	6.47	93	298741	26.908	ng	#	65
8) 2-Chlorophenol	6.60	128	291197	42.858	ng		100
9) Benzaldehyde	6.36	77	126936	23.731	ng		98
10) Phenol	6.47	94	386796	42.369	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	279709	41.674	ng		98
12) 1,3-Dichlorobenzene	6.75	146	309666	39.436	ng		98
13) 1,4-Dichlorobenzene	6.82	146	319261	40.606	ng		97
14) 1,2-Dichlorobenzene	6.97	146	293859	40.591	ng		99
15) Benzyl Alcohol	6.96	79	236858	40.260	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	360439	39.371	ng		62
17) 2-Methylphenol	7.07	107	242427	42.137	ng	#	91
18) Hexachloroethane	7.31	117	113705	39.280	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	206463	42.978	ng		99
20) 3+4-Methylphenols	7.23	107	324553	47.670	ng	#	78
22) Acetophenone	7.22	105	409006	46.032	ng	#	93
24) Nitrobenzene	7.39	77	318220	41.989	ng		98
25) Isophorone	7.63	82	583259	43.459	ng		100
26) 2-Nitrophenol	7.71	139	161412	45.183	ng		93
27) 2,4-Dimethylphenol	7.75	122	263408	49.009	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	358416	43.087	ng		100
29) 2,4-Dichlorophenol	7.96	162	256357	45.174	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	267481	41.349	ng		99
31) Naphthalene	8.10	128	840971	44.111	ng		99
32) Benzoic acid	7.91	122	122769	32.399	ng		95
33) 4-Chloroaniline	8.17	127	161215	18.925	ng		97
34) Hexachlorobutadiene	8.22	225	148189	39.771	ng		99
35) Caprolactam	8.53	113	83308m	45.389	ng		
36) 4-Chloro-3-methylphenol	8.66	107	270794	45.869	ng		98
37) 2-Methylnaphthalene	8.80	142	562786	44.822	ng		98
38) 1-Methylnaphthalene	8.89	142	530318	44.645	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	256424	42.786	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	73186	31.110	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	159944	38.773	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	164295	38.529	ng		97
46) 1,1'-Biphenyl	9.26	154	693075	43.791	ng		98
47) 2-Chloronaphthalene	9.29	162	542684	41.198	ng		99
48) 2-Nitroaniline	9.39	65	179415	41.206	ng		99
49) Acenaphthylene	9.70	152	835078	43.454	ng		98
50) Dimethylphthalate	9.56	163	739882	48.472	ng		100
51) 2,6-Dinitrotoluene	9.63	165	144790	43.649	ng	#	82
52) Acenaphthene	9.87	154	510388	43.291	ng		99
53) 3-Nitroaniline	9.80	138	100963	24.633	ng		100
54) 2,4-Dinitrophenol	9.93	184	95328	58.797	ng		96
55) Dibenzofuran	10.05	168	728334	42.480	ng		99
56) 4-Nitrophenol	9.99	139	151894	57.850	ng		93
57) 2,4-Dinitrotoluene	10.05	165	186026	42.121	ng		96
58) Fluorene	10.39	166	610197	46.258	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	154625	43.101	ng		97
60) Diethylphthalate	10.26	149	645616	45.304	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	303937	45.495	ng		98
62) 4-Nitroaniline	10.42	138	160676	37.933	ng		98
63) Azobenzene	10.53	77	657972	44.889	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	91659	41.125	ng		96
66) n-Nitrosodiphenylamine	10.49	169	543642	42.945	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	186830	41.497	ng		97
68) Hexachlorobenzene	10.94	284	204758	39.330	ng		98
69) Atrazine	11.02	200	176702	42.430	ng		99
70) Pentachlorophenol	11.15	266	143911	56.936	ng		98
71) Phenanthrene	11.35	178	931293	43.314	ng		99
72) Anthracene	11.40	178	959941	44.115	ng		99
73) Carbazole	11.56	167	874912	44.318	ng		100
74) Di-n-butylphthalate	11.87	149	1071082	46.509	ng		99
75) Fluoranthene	12.54	202	1041472	46.268	ng		98
77) Benzidine	12.66	184	459777	42.873	ng		97
78) Pyrene	12.77	202	1067697	44.621	ng		99
80) Butylbenzylphthalate	13.37	149	483864	47.804	ng		96
81) Benzo(a)anthracene	13.96	228	890084	43.871	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	218262	30.965	ng		100
83) Chrysene	13.99	228	870385	44.188	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	694430	52.796	ng		98
85) Di-n-octyl phthalate	14.53	149	1139876	54.561	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	862867	52.157	ng		100
88) Benzo(b)fluoranthene	15.00	252	813548	42.550	ng		100
89) Benzo(k)fluoranthene	15.03	252	782962m	42.043	ng		
90) Benzo(a)pyrene	15.36	252	765017	44.760	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	722790	48.855	ng		98
92) Benzo(g,h,i)perylene	17.32	276	720912	49.617	ng		97

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

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