Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114089.D
Acq On : 2 May 2019 17:24
Operator : JU/SJ
Sample : K2652-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4MS

Manual Integrations APPROVED
Sohil
5/3/2019 4:33:02 PM

Quant Time: May 03 04:12:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	69325	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	241244	20.00	ng		-0.01
39) Acenaphthene-d10	9.93	164	130718	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	301669	20.00	ng		0.00
76) Chrysene-d12	14.06	240	188410	20.00	ng		0.00
87) Perylene-d12	15.57	264	203392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	566441	139.75	ng		0.00
7) Phenol-d6	6.53	99	719332	141.45	ng		0.00
23) Nitrobenzene-d5	7.45	82	405344	103.74	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	272342	171.02	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	821744	98.32	ng		-0.01
79) Terphenyl-d14	12.99	244	964250	104.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	66071	34.580	ng		96
3) Pyridine	3.43	79	207096	39.710	ng		98
4) n-Nitrosodimethylamine	3.36	42	72964	40.870	ng		95
6) Aniline	6.55	93	190308	27.253	ng		100
8) 2-Chlorophenol	6.68	128	202227	43.700	ng		95
9) Benzaldehyde	6.43	77	39752	9.202	ng		94
10) Phenol	6.54	94	284107	46.722	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	208689	45.606	ng		96
12) 1,3-Dichlorobenzene	6.83	146	222738	42.499	ng		96
13) 1,4-Dichlorobenzene	6.90	146	222439	42.196	ng		98
14) 1,2-Dichlorobenzene	7.06	146	211539	43.664	ng		98
15) Benzyl Alcohol	7.03	79	181266	52.925	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	201684	37.757	ng		95
17) 2-Methylphenol	7.14	107	165999	40.923	ng		97
18) Hexachloroethane	7.40	117	73597	39.827	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	138057	41.922	ng		100
20) 3+4-Methylphenols	7.29	107	202933	44.280	ng	#	64
22) Acetophenone	7.29	105	275707	51.357	ng	#	93
24) Nitrobenzene	7.47	77	204661	47.405	ng		95
25) Isophorone	7.70	82	361321	45.195	ng		97
26) 2-Nitrophenol	7.79	139	100416	50.984	ng		99
27) 2,4-Dimethylphenol	7.82	122	168181	52.410	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	229105	44.972	ng		98
29) 2,4-Dichlorophenol	8.03	162	175749	47.894	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	190573	46.577	ng		100
31) Naphthalene	8.19	128	553615	48.307	ng		99
32) Benzoic acid	7.89	122	8235m	3.800	ng		
33) 4-Chloroaniline	8.24	127	112753	23.252	ng		96
34) Hexachlorobutadiene	8.31	225	111953	43.892	ng		99
35) Caprolactam	8.59	113	51534	44.148	ng		93
36) 4-Chloro-3-methylphenol	8.72	107	171851	47.271	ng		97
37) 2-Methylnaphthalene	8.89	142	378689	49.001	ng		99
38) 1-Methylnaphthalene	8.99	142	353750	47.426	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	191628	45.130	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	101234	42.754	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	130204	48.290	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	138103	45.665	ng		95
46) 1,1'-Biphenyl	9.35	154	476419	47.709	ng		99
47) 2-Chloronaphthalene	9.37	162	374258	46.087	ng		99
48) 2-Nitroaniline	9.46	65	106824	50.180	ng		97
49) Acenaphthylene	9.79	152	584761	45.997	ng		98
50) Dimethylphthalate	9.65	163	525291	55.564	ng		99
51) 2,6-Dinitrotoluene	9.70	165	99258	48.939	ng		95
52) Acenaphthene	9.96	154	335588	44.666	ng		96
53) 3-Nitroaniline	9.87	138	79553	37.327	ng		91
54) 2,4-Dinitrophenol	9.99	184	8631	17.132	ng	#	6
55) Dibenzofuran	10.13	168	535176	47.553	ng		99
56) 4-Nitrophenol	10.04	139	142737	84.586	ng		95
57) 2,4-Dinitrotoluene	10.11	165	134743	52.634	ng		99
58) Fluorene	10.47	166	419580	49.519	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	120872	45.480	ng		99
60) Diethylphthalate	10.34	149	427924	47.666	ng		97
61) 4-Chlorophenyl-phenylether	10.46	204	215569	48.040	ng		98
62) 4-Nitroaniline	10.49	138	99625	47.901	ng		99
63) Azobenzene	10.62	77	452502	52.006	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	26040	23.274	ng		96
66) n-Nitrosodiphenylamine	10.58	169	429599	47.461	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	148577	40.770	ng		94
68) Hexachlorobenzene	11.03	284	176072	43.966	ng		100
69) Atrazine	11.10	200	131002	44.490	ng		99
70) Pentachlorophenol	11.22	266	146172	64.467	ng		97
71) Phenanthrene	11.44	178	698718	46.088	ng		99
72) Anthracene	11.49	178	728287	47.570	ng		99
73) Carbazole	11.64	167	654295	47.904	ng		99
74) Di-n-butylphthalate	11.97	149	710644	44.230	ng		99
75) Fluoranthene	12.63	202	661441	39.989	ng		97
77) Benzidine	12.74	184	193126	34.402	ng		97
78) Pyrene	12.86	202	652742	49.541	ng		97
80) Butylbenzylphthalate	13.46	149	277129	53.459	ng		96
81) Benzo(a)anthracene	14.05	228	537019	48.377	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	150335	36.949	ng		98
83) Chrysene	14.09	228	527646	48.806	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	392640	59.530	ng		98
85) Di-n-octyl phthalate	14.67	149	609309	59.020	ng		97
86) Indeno(1,2,3-cd)pyrene	17.07	276	742062	72.463	ng		98
88) Benzo(b)fluoranthene	15.13	252	533928	41.491	ng		99
89) Benzo(k)fluoranthene	15.16	252	511361	46.197	ng		98
90) Benzo(a)pyrene	15.50	252	522026	46.900	ng		100
91) Dibenzo(a,h)anthracene	17.09	278	633135	60.596	ng		100
92) Benzo(g,h,i)perylene	17.52	276	575142	54.545	ng		98

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

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