Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114013.D
Acq On : 26 Apr 2019 16:49
Operator : JU/SJ
Sample : K2571-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTONMS

Manual Integrations APPROVED
Sohil
4/27/2019 2:36:51 AM

Quant Time: Apr 27 01:16:03 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	90229	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	353388	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	194068	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	375716	20.00	ng		0.00
76) Chrysene-d12	14.06	240	282535	20.00	ng		0.00
87) Perylene-d12	15.54	264	261241	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	604769	114.64	ng		0.00
7) Phenol-d6	6.52	99	796924	120.41	ng		0.00
23) Nitrobenzene-d5	7.45	82	477299	83.39	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	276713	117.05	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	997006	80.35	ng		0.00
79) Terphenyl-d14	13.00	244	1177403	85.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	82408	33.138	ng		98
3) Pyridine	3.48	79	219226	32.297	ng		96
4) n-Nitrosodimethylamine	3.41	42	82726	35.603	ng		99
6) Aniline	6.56	93	239461	26.347	ng		98
8) 2-Chlorophenol	6.68	128	238709	39.633	ng		99
9) Benzaldehyde	6.44	77	57322	10.703	ng		96
10) Phenol	6.54	94	308863	39.025	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	225723	37.900	ng		96
12) 1,3-Dichlorobenzene	6.84	146	261795	38.378	ng		98
13) 1,4-Dichlorobenzene	6.91	146	267949	39.053	ng		97
14) 1,2-Dichlorobenzene	7.07	146	253021	40.127	ng		98
15) Benzyl Alcohol	7.03	79	191585	42.979	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	258088	37.123	ng		90
17) 2-Methylphenol	7.15	107	210596	39.889	ng		99
18) Hexachloroethane	7.41	117	92284	38.370	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	167827	39.155	ng		99
20) 3+4-Methylphenols	7.30	107	247967	41.571	ng	#	64
22) Acetophenone	7.30	105	332655	42.301	ng	#	94
24) Nitrobenzene	7.47	77	260528	41.196	ng		97
25) Isophorone	7.71	82	467955	39.958	ng		98
26) 2-Nitrophenol	7.79	139	130407	45.200	ng		99
27) 2,4-Dimethylphenol	7.83	122	207883	44.224	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	297323	39.842	ng		99
29) 2,4-Dichlorophenol	8.03	162	226801	42.193	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	242555	40.469	ng		100
31) Naphthalene	8.20	128	698296	41.595	ng		99
32) Benzoic acid	7.89	122	24589m	7.746	ng		
33) 4-Chloroaniline	8.24	127	191739	26.992	ng		97
34) Hexachlorobutadiene	8.32	225	143985	38.537	ng		98
35) Caprolactam	8.60	113	69071m	40.394	ng		
36) 4-Chloro-3-methylphenol	8.73	107	226148	42.466	ng		97
37) 2-Methylnaphthalene	8.89	142	488004	43.107	ng		100
38) 1-Methylnaphthalene	8.99	142	460083	42.107	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	249499	39.578	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	258676	73.585	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	171252	42.781	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	192507	42.875	ng		97
46) 1,1'-Biphenyl	9.35	154	619485	41.785	ng		98
47) 2-Chloronaphthalene	9.38	162	493870	40.964	ng		99
48) 2-Nitroaniline	9.47	65	140224	44.368	ng		89
49) Acenaphthylene	9.80	152	768118	40.696	ng		98
50) Dimethylphthalate	9.65	163	690826	49.220	ng		99
51) 2,6-Dinitrotoluene	9.71	165	132689	44.067	ng		98
52) Acenaphthene	9.97	154	465094	41.696	ng		97
53) 3-Nitroaniline	9.87	138	116704	36.883	ng		99
54) 2,4-Dinitrophenol	9.99	184	55688	46.620	ng	#	1
55) Dibenzofuran	10.14	168	691822	41.405	ng		99
56) 4-Nitrophenol	10.04	139	202982	81.022	ng		98
57) 2,4-Dinitrotoluene	10.11	165	180125	47.393	ng		96
58) Fluorene	10.48	166	525697	41.790	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	155774	39.479	ng	#	99
60) Diethylphthalate	10.35	149	569078	42.697	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	273873	41.110	ng		98
62) 4-Nitroaniline	10.49	138	133255	43.156	ng		94
63) Azobenzene	10.63	77	512685	39.689	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	50110	31.976	ng		87
66) n-Nitrosodiphenylamine	10.59	169	482121	42.766	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	181335	39.952	ng		98
68) Hexachlorobenzene	11.04	284	196209	39.339	ng		96
69) Atrazine	11.12	200	164667	44.901	ng		98
70) Pentachlorophenol	11.23	266	168606	59.705	ng		97
71) Phenanthrene	11.44	178	788982	41.785	ng		99
72) Anthracene	11.50	178	809941	42.477	ng		99
73) Carbazole	11.64	167	708784	41.666	ng		99
74) Di-n-butylphthalate	11.98	149	868765	43.415	ng		100
75) Fluoranthene	12.64	202	855136	41.510	ng		97
77) Benzidine	12.75	184	141929	16.860	ng	#	88
78) Pyrene	12.86	202	861953	43.625	ng		99
80) Butylbenzylphthalate	13.47	149	373149	48.001	ng		98
81) Benzo(a)anthracene	14.05	228	726351	43.634	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	134321	22.015	ng		100
83) Chrysene	14.09	228	716723	44.209	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	525938	53.175	ng		99
85) Di-n-octyl phthalate	14.66	149	804966	51.996	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	730936	47.598	ng		98
88) Benzo(b)fluoranthene	15.12	252	660626	39.969	ng		100
89) Benzo(k)fluoranthene	15.14	252	628694	44.220	ng		99
90) Benzo(a)pyrene	15.49	252	617769	43.211	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	610479	45.489	ng		99
92) Benzo(g,h,i)perylene	17.49	276	608748	44.948	ng		99

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

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