Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
Data File : BF113754.D
Acq On : 12 Apr 2019 22:52
Operator : JU/SJ
Sample : K2374-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1(0-10)MSD

Manual Integrations APPROVED
Sohil
4/15/2019 2:22:42 PM

Quant Time: Apr 15 03:24:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	115913	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	427874	20.00	ng		-0.01
39) Acenaphthene-d10	9.70	164	204822	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	400376	20.00	ng		-0.02
76) Chrysene-d12	13.82	240	288876	20.00	ng		-0.02
87) Perylene-d12	15.23	264	331809	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	633168	93.15	ng		0.00
7) Phenol-d6	6.33	99	787501	94.00	ng		-0.01
23) Nitrobenzene-d5	7.24	82	438324	60.01	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	216388	87.95	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	852347	66.99	ng		-0.02
79) Terphenyl-d14	12.76	244	875976	61.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	85605	26.590	ng		94
3) Pyridine	3.06	79	195333	23.184	ng		100
4) n-Nitrosodimethylamine	2.98	42	92817	25.928	ng		95
6) Aniline	6.34	93	208890	20.570	ng	#	78
8) 2-Chlorophenol	6.46	128	227472	28.923	ng		99
9) Benzaldehyde	6.23	77	85342	17.132	ng		99
10) Phenol	6.34	94	284682	29.752	ng		94
11) bis(2-Chloroethyl)ether	6.41	93	209824	28.190	ng		99
12) 1,3-Dichlorobenzene	6.61	146	243811	28.787	ng		98
13) 1,4-Dichlorobenzene	6.69	146	248182	28.997	ng		99
14) 1,2-Dichlorobenzene	6.85	146	231555	29.973	ng		97
15) Benzyl Alcohol	6.83	79	151440	26.734	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	325562	28.101	ng		60
17) 2-Methylphenol	6.95	107	177375	29.103	ng	#	92
18) Hexachloroethane	7.18	117	86683	27.825	ng		91
19) n-Nitroso-di-n-propylamine	7.09	70	151737	29.371	ng		99
20) 3+4-Methylphenols	7.12	107	230747	31.246	ng		91
22) Acetophenone	7.09	105	324207	34.499	ng	#	97
24) Nitrobenzene	7.26	77	221299	29.418	ng		100
25) Isophorone	7.50	82	409009	29.066	ng		97
26) 2-Nitrophenol	7.58	139	117828	29.103	ng		97
27) 2,4-Dimethylphenol	7.63	122	197127	34.057	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	259952	29.220	ng		98
29) 2,4-Dichlorophenol	7.85	162	193966	31.321	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	202312	30.083	ng		99
31) Naphthalene	7.97	128	647962	31.255	ng		99
32) Benzoic acid	7.76	122	19990	4.460	ng		90
33) 4-Chloroaniline	8.05	127	76288	9.280	ng		98
34) Hexachlorobutadiene	8.09	225	119335	29.105	ng		98
35) Caprolactam	8.40	113	69318	35.261	ng		90
36) 4-Chloro-3-methylphenol	8.54	107	186994	30.079	ng		97
37) 2-Methylnaphthalene	8.67	142	439786	32.254	ng		98
38) 1-Methylnaphthalene	8.76	142	411495	31.298	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	202559	30.579	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	52127	32.097	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	125208	29.945	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	122068	27.193	ng		97
46) 1,1'-Biphenyl	9.13	154	528311	31.258	ng		99
47) 2-Chloronaphthalene	9.16	162	396252	30.965	ng		97
48) 2-Nitroaniline	9.26	65	119537	30.527	ng		98
49) Acenaphthylene	9.56	152	640035	30.757	ng		99
50) Dimethylphthalate	9.43	163	526968	34.903	ng		100
51) 2,6-Dinitrotoluene	9.50	165	99792	29.985	ng	#	90
52) Acenaphthene	9.74	154	371215	31.164	ng		99
53) 3-Nitroaniline	9.67	138	78191	20.665	ng		93
54) 2,4-Dinitrophenol	9.83	184	11378	7.308	ng	#	87
55) Dibenzofuran	9.91	168	559433	32.016	ng		99
56) 4-Nitrophenol	9.88	139	47311m	20.156	ng		
57) 2,4-Dinitrotoluene	9.92	165	129634	32.207	ng		97
58) Fluorene	10.25	166	438659	31.741	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	101491	26.119	ng		99
60) Diethylphthalate	10.13	149	447750	30.759	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	218408	32.130	ng		98
62) 4-Nitroaniline	10.29	138	100007	25.991	ng		97
63) Azobenzene	10.40	77	413857	30.027	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	29256	13.880	ng		88
66) n-Nitrosodiphenylamine	10.36	169	390482	31.769	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	135459	30.166	ng		98
68) Hexachlorobenzene	10.80	284	153300	29.795	ng	#	94
69) Atrazine	10.89	200	116812	30.152	ng		98
70) Pentachlorophenol	11.01	266	76275	31.461	ng		97
71) Phenanthrene	11.21	178	638483	32.093	ng		98
72) Anthracene	11.26	178	660654	32.638	ng		99
73) Carbazole	11.42	167	611034	32.276	ng		99
74) Di-n-butylphthalate	11.75	149	691177	30.691	ng		99
75) Fluoranthene	12.40	202	660167	30.966	ng		97
77) Benzidine	12.52	184	278598	25.935	ng		97
78) Pyrene	12.62	202	650272	29.584	ng		99
80) Butylbenzylphthalate	13.23	149	258738	28.918	ng		99
81) Benzo(a)anthracene	13.81	228	482707	28.967	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	137093	21.359	ng		98
83) Chrysene	13.85	228	503341	29.797	ng		100
84) Bis(2-ethylhexyl)phthalate	13.79	149	341110	31.532	ng		98
85) Di-n-octyl phthalate	14.40	149	553374	31.470	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	697637	44.730	ng		99
88) Benzo(b)fluoranthene	14.83	252	561999	27.670	ng		99
89) Benzo(k)fluoranthene	14.86	252	514754	28.239	ng		99
90) Benzo(a)pyrene	15.17	252	547163	30.317	ng		98
91) Dibenzo(a,h)anthracene	16.59	278	589032	34.900	ng		99
92) Benzo(g,h,i)perylene	16.99	276	606331	35.197	ng		98

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

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