Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113982.D
Acq On : 25 Apr 2019 17:24
Operator : JU/SJ
Sample : K2553-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Manual Integrations APPROVED
Sohil
4/29/2019 5:49:50 AM

Quant Time: Apr 26 05:04:58 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	6.90	152	105429	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	398640	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	215903	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	455951	20.00	ng		0.00
76) Chrysene-d12	14.07	240	409843	20.00	ng		0.00
87) Perylene-d12	15.56	264	437188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	796395	129.20	ng		0.00
7) Phenol-d6	6.53	99	1047793	135.48	ng		0.00
23) Nitrobenzene-d5	7.46	82	627823	97.24	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	362633	137.88	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1229693	89.08	ng		0.00
79) Terphenyl-d14	13.00	244	1617560	80.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	108209	37.240	ng		96
3) Pyridine	3.45	79	275337	34.715	ng		97
4) n-Nitrosodimethylamine	3.39	42	109590	40.364	ng		90
6) Aniline	6.56	93	312502	29.427	ng		100
8) 2-Chlorophenol	6.69	128	310289	44.090	ng		95
9) Benzaldehyde	6.44	77	79004	13.529	ng		93
10) Phenol	6.54	94	399130	43.160	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	301974	43.393	ng		97
12) 1,3-Dichlorobenzene	6.84	146	345410	43.336	ng		99
13) 1,4-Dichlorobenzene	6.92	146	346867	43.267	ng		100
14) 1,2-Dichlorobenzene	7.07	146	330011	44.791	ng		98
15) Benzyl Alcohol	7.03	79	249924	47.983	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	338974	41.728	ng		91
17) 2-Methylphenol	7.15	107	279025	45.231	ng		98
18) Hexachloroethane	7.41	117	118591	42.199	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	217194	43.367	ng		96
20) 3+4-Methylphenols	7.30	107	324886	46.614	ng	#	79
22) Acetophenone	7.30	105	431439	48.634	ng		97
24) Nitrobenzene	7.47	77	341340	47.847	ng		98
25) Isophorone	7.72	82	603150	45.656	ng		100
26) 2-Nitrophenol	7.79	139	168896	51.895	ng		96
27) 2,4-Dimethylphenol	7.83	122	273550	51.588	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	382046	45.384	ng		99
29) 2,4-Dichlorophenol	8.03	162	293346	48.378	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	313091	46.308	ng		98
31) Naphthalene	8.20	128	907299	47.910	ng		99
32) Benzoic acid	7.94	122	142673m	39.843	ng		
33) 4-Chloroaniline	8.24	127	167859	20.948	ng		99
34) Hexachlorobutadiene	8.32	225	188054	44.618	ng		99
35) Caprolactam	8.61	113	90107m	46.714	ng		
36) 4-Chloro-3-methylphenol	8.73	107	292536	48.696	ng		98
37) 2-Methylnaphthalene	8.89	142	624310	48.887	ng		98
38) 1-Methylnaphthalene	8.99	142	587734	47.684	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	317905	45.329	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	365818	93.539	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	221136	49.656	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	247101	49.469	ng		100
46) 1,1'-Biphenyl	9.36	154	786163	47.665	ng		98
47) 2-Chloronaphthalene	9.38	162	628394	46.851	ng		98
48) 2-Nitroaniline	9.47	65	183319	52.137	ng		94
49) Acenaphthylene	9.80	152	982065	46.770	ng		98
50) Dimethylphthalate	9.65	163	935119	59.888	ng		100
51) 2,6-Dinitrotoluene	9.71	165	175129	52.279	ng		92
52) Acenaphthene	9.97	154	647582	52.185	ng		96
53) 3-Nitroaniline	9.88	138	113673	32.292	ng		92
54) 2,4-Dinitrophenol	9.99	184	161023	107.867	ng	#	1
55) Dibenzofuran	10.14	168	905771	48.728	ng		98
56) 4-Nitrophenol	10.05	139	292395	104.908	ng		99
57) 2,4-Dinitrotoluene	10.12	165	235194	55.624	ng		96
58) Fluorene	10.49	166	691687	49.425	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	229471	52.276	ng		98
60) Diethylphthalate	10.35	149	727837	49.086	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	358009	48.304	ng		98
62) 4-Nitroaniline	10.49	138	180794	52.630	ng		100
63) Azobenzene	10.63	77	672558	46.800	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	107807	51.040	ng		98
66) n-Nitrosodiphenylamine	10.59	169	623539	45.577	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	236685	42.971	ng		97
68) Hexachlorobenzene	11.03	284	264383	43.679	ng		98
69) Atrazine	11.12	200	221638	49.801	ng		99
70) Pentachlorophenol	11.23	266	319142	93.125	ng		97
71) Phenanthrene	11.45	178	1171443	51.123	ng		99
72) Anthracene	11.50	178	1112278	48.068	ng		100
73) Carbazole	11.65	167	1034070	50.091	ng		100
74) Di-n-butylphthalate	11.97	149	1168077	48.101	ng		99
75) Fluoranthene	12.63	202	1308253	52.330	ng		99
77) Benzidine	12.74	184	455354	37.289	ng		97
78) Pyrene	12.86	202	1307152	45.607	ng		99
80) Butylbenzylphthalate	13.47	149	536717	47.596	ng		97
81) Benzo(a)anthracene	14.06	228	1186523	49.137	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	316298	35.737	ng		98
83) Chrysene	14.09	228	1183050	50.306	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	734316	51.181	ng		98
85) Di-n-octyl phthalate	14.67	149	1280048	57.000	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1162100	52.168	ng		98
88) Benzo(b)fluoranthene	15.13	252	1268019	45.842	ng		99
89) Benzo(k)fluoranthene	15.16	252	1151542	48.398	ng		100
90) Benzo(a)pyrene	15.50	252	1162505	48.589	ng		100
91) Dibenzo(a,h)anthracene	17.09	278	974091	43.372	ng		99
92) Benzo(g,h,i)perylene	17.52	276	945828	41.731	ng		99

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

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