Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112923.D
Acq On : 7 Mar 2019 16:08
Operator : JU/SJ
Sample : K1757-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6CD-DMSD

Manual Integrations APPROVED
Sohil
3/8/2019 9:26:08 AM

Quant Time: Mar 08 00:55:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169274	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	650921	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	325803	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	658337	20.00	ng		0.00
76) Chrysene-d12	13.87	240	446937	20.00	ng		0.00
87) Perylene-d12	15.26	264	413939	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1151579	105.82	ng		0.00
7) Phenol-d6	6.37	99	1494495	109.33	ng		0.00
23) Nitrobenzene-d5	7.29	82	899958	82.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	421881	121.97	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1315718	62.37	ng		-0.01
79) Terphenyl-d14	12.82	244	1462295	63.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	169798	31.128	ng		97
3) Pyridine	3.13	79	436057	29.880	ng		98
4) n-Nitrosodimethylamine	3.05	42	196214	30.736	ng		97
6) Aniline	6.39	93	471683	25.068	ng	#	78
8) 2-Chlorophenol	6.52	128	434693	35.885	ng		92
9) Benzaldehyde	6.27	77	239323	24.298	ng		99
10) Phenol	6.39	94	563432	35.322	ng		89
11) bis(2-Chloroethyl)ether	6.47	93	428200	34.974	ng		96
12) 1,3-Dichlorobenzene	6.67	146	455835	36.427	ng		97
13) 1,4-Dichlorobenzene	6.75	146	463973	36.972	ng		97
14) 1,2-Dichlorobenzene	6.90	146	438892	38.151	ng		98
15) Benzyl Alcohol	6.87	79	380157	36.471	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	693409	33.937	ng		98
17) 2-Methylphenol	6.99	107	365469	37.190	ng		96
18) Hexachloroethane	7.25	117	167381	34.819	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	297857	34.405	ng		96
20) 3+4-Methylphenols	7.15	107	426698	38.459	ng		93
22) Acetophenone	7.14	105	585433	38.464	ng		94
24) Nitrobenzene	7.31	77	465484	38.447	ng		99
25) Isophorone	7.55	82	861346	36.754	ng		99
26) 2-Nitrophenol	7.63	139	240048	47.628	ng		96
27) 2,4-Dimethylphenol	7.67	122	399743	42.633	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	549652	37.514	ng		100
29) 2,4-Dichlorophenol	7.87	162	378610	41.639	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	397516	40.687	ng		98
31) Naphthalene	8.03	128	1254647	38.823	ng		99
32) Benzoic acid	7.78	122	211441m	32.174	ng		
33) 4-Chloroaniline	8.08	127	201372	14.712	ng		99
34) Hexachlorobutadiene	8.16	225	224474	40.739	ng		99
35) Caprolactam	8.44	113	127911m	39.941	ng		
36) 4-Chloro-3-methylphenol	8.57	107	396739	39.426	ng		98
37) 2-Methylnaphthalene	8.73	142	839700	40.235	ng		99
38) 1-Methylnaphthalene	8.83	142	788488	39.003	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	368572	38.794	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	425408	81.768	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	279513	42.748	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	298077	42.176	ng		98
46) 1,1'-Biphenyl	9.19	154	1013970	38.156	ng		98
47) 2-Chloronaphthalene	9.21	162	785971	37.878	ng		99
48) 2-Nitroaniline	9.30	65	258547	40.993	ng		97
49) Acenaphthylene	9.63	152	1274910	36.192	ng		98
50) Dimethylphthalate	9.49	163	1044892	43.495	ng		99
51) 2,6-Dinitrotoluene	9.55	165	215798	43.137	ng		88
52) Acenaphthene	9.80	154	748021	36.311	ng		99
53) 3-Nitroaniline	9.71	138	145386	23.851	ng		94
54) 2,4-Dinitrophenol	9.82	184	199199	95.948	ng		96
55) Dibenzofuran	9.97	168	1124297	37.551	ng		97
56) 4-Nitrophenol	9.89	139	391747	79.075	ng		84
57) 2,4-Dinitrotoluene	9.95	165	280610	45.126	ng	#	85
58) Fluorene	10.31	166	803267	37.800	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	262685	44.612	ng		94
60) Diethylphthalate	10.19	149	960682	37.864	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	405538	41.017	ng		93
62) 4-Nitroaniline	10.32	138	233258	41.411	ng		95
63) Azobenzene	10.46	77	888817	34.201	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	131710	48.624	ng		79
66) n-Nitrosodiphenylamine	10.42	169	782382	37.056	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	271940	39.217	ng	#	90
68) Hexachlorobenzene	10.86	284	316519	40.493	ng		94
69) Atrazine	10.95	200	258163	39.924	ng		97
70) Pentachlorophenol	11.05	266	363403	78.988	ng		98
71) Phenanthrene	11.26	178	1260377	38.479	ng		100
72) Anthracene	11.32	178	1304120	38.035	ng		100
73) Carbazole	11.47	167	1238333	37.023	ng		100
74) Di-n-butylphthalate	11.81	149	1531310	38.182	ng		100
75) Fluoranthene	12.44	202	1357447	38.681	ng		99
77) Benzidine	12.57	184	612759	26.426	ng		99
78) Pyrene	12.67	202	1387244	36.819	ng		99
80) Butylbenzylphthalate	13.29	149	659547	39.657	ng		97
81) Benzo(a)anthracene	13.85	228	1047083	33.803	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	324442	27.694	ng		100
83) Chrysene	13.89	228	1073183	35.370	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	814704	41.764	ng		98
85) Di-n-octyl phthalate	14.46	149	1410838	42.118	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1083469	41.886	ng		96
88) Benzo(b)fluoranthene	14.87	252	1037321	38.742	ng		98
89) Benzo(k)fluoranthene	14.90	252	820319	33.824	ng		98
90) Benzo(a)pyrene	15.21	252	889574	37.562	ng		97
91) Dibenzo(a,h)anthracene	16.64	278	907524	44.907	ng		99
92) Benzo(g,h,i)perylene	17.03	276	938432	46.245	ng		97

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

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