Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112250.D
Acq On : 25 Jan 2019 23:40
Operator : JU/SJ
Sample : K1003-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-012319MSD

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:50 AM

Quant Time: Jan 28 03:36:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 02:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178992	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	707630	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	346199	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	630039	20.00	ng		0.00
76) Chrysene-d12	14.00	240	378393	20.00	ng		0.00
87) Perylene-d12	15.47	264	350634	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1112390	132.01	ng		0.02
7) Phenol-d6	6.49	99	1293908	110.50	ng		0.00
23) Nitrobenzene-d5	7.41	82	994245	80.96	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	458325	113.74	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1961619	80.14	ng		0.00
79) Terphenyl-d14	12.94	244	1772800	88.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	166405	49.571	ng	#	82
3) Pyridine	3.50	79	388703	45.520	ng		97
4) n-Nitrosodimethylamine	3.42	42	208131	58.014	ng		98
6) Aniline	6.51	93	114645	8.230	ng	#	1
8) 2-Chlorophenol	6.64	128	478010	42.166	ng		99
9) Benzaldehyde	6.39	77	89450	14.615	ng		96
10) Phenol	6.50	94	450992	35.106	ng		83
11) bis(2-Chloroethyl)ether	6.58	93	429930	42.508	ng		97
12) 1,3-Dichlorobenzene	6.79	146	508172	38.491	ng		100
13) 1,4-Dichlorobenzene	6.86	146	517155	38.062	ng		99
14) 1,2-Dichlorobenzene	7.02	146	491974	38.673	ng		97
15) Benzyl Alcohol	6.99	79	400983	40.623	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	524821	40.414	ng		56
17) 2-Methylphenol	7.11	107	368007	40.951	ng	#	91
18) Hexachloroethane	7.35	117	180639	37.860	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	327102	40.512	ng		98
20) 3+4-Methylphenols	7.26	107	474728	41.311	ng	#	68
22) Acetophenone	7.25	105	659549	38.277	ng		96
24) Nitrobenzene	7.43	77	496599	40.488	ng		95
25) Isophorone	7.66	82	879048	45.626	ng		99
26) 2-Nitrophenol	7.75	139	266246	40.619	ng		97
27) 2,4-Dimethylphenol	7.79	122	410328	45.436	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	555875	42.373	ng		99
29) 2,4-Dichlorophenol	7.99	162	416892	41.251	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	455370	39.200	ng		100
31) Naphthalene	8.15	128	1405856	42.483	ng		99
32) Benzoic acid	7.93	122	195993	38.047	ng		96
33) 4-Chloroaniline	8.20	127	87473	6.071	ng		99
34) Hexachlorobutadiene	8.26	225	249099	36.542	ng		99
35) Caprolactam	8.56	113	94247m	26.435	ng		
36) 4-Chloro-3-methylphenol	8.69	107	416819	38.960	ng		98
37) 2-Methylnaphthalene	8.84	142	996954	44.008	ng		97
38) 1-Methylnaphthalene	8.94	142	929845	42.823	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	451536	39.724	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	236975	57.978	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	284563	40.613	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	296880	40.541	ng		99
46) 1,1'-Biphenyl	9.30	154	1195086	39.486	ng		98
47) 2-Chloronaphthalene	9.33	162	918591	39.138	ng		96
48) 2-Nitroaniline	9.43	65	245711	38.410	ng		98
49) Acenaphthylene	9.75	152	1452250	42.216	ng		99
50) Dimethylphthalate	9.60	163	1087475	40.430	ng		99
51) 2,6-Dinitrotoluene	9.66	165	239176	39.703	ng	#	83
52) Acenaphthene	9.92	154	829899	40.385	ng		99
53) 3-Nitroaniline	9.83	138	71344	10.932	ng	#	98
54) 2,4-Dinitrophenol	9.95	184	101342	52.419	ng		96
55) Dibenzofuran	10.09	168	1268356	40.389	ng		96
56) 4-Nitrophenol	10.02	139	228830	66.319	ng		92
57) 2,4-Dinitrotoluene	10.07	165	308572	40.236	ng	#	90
58) Fluorene	10.43	166	986508	41.979	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	236461	42.729	ng		96
60) Diethylphthalate	10.30	149	1055194	39.531	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	482166	37.718	ng		90
62) 4-Nitroaniline	10.45	138	205792	32.148	ng		97
63) Azobenzene	10.58	77	921151	39.238	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	99532	28.177	ng		97
66) n-Nitrosodiphenylamine	10.54	169	866612	40.812	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	293908	39.663	ng		93
68) Hexachlorobenzene	10.99	284	321707	40.465	ng	#	92
69) Atrazine	11.06	200	292268	42.657	ng		96
70) Pentachlorophenol	11.18	266	215079	69.527	ng		99
71) Phenanthrene	11.39	178	1349528	41.201	ng		99
72) Anthracene	11.44	178	1403905	43.028	ng		99
73) Carbazole	11.60	167	1197063	37.193	ng		99
74) Di-n-butylphthalate	11.92	149	1583338	39.634	ng		99
75) Fluoranthene	12.58	202	1290014	36.720	ng		97
77) Benzidine	12.69	184	155224	14.904	ng		97
78) Pyrene	12.81	202	1242002	47.409	ng		99
80) Butylbenzylphthalate	13.42	149	584714	46.131	ng		97
81) Benzo(a)anthracene	13.99	228	936015	42.080	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	82225	9.877	ng		95
83) Chrysene	14.03	228	867916	40.876	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	797061	44.301	ng		99
85) Di-n-octyl phthalate	14.58	149	1183036	42.738	ng		97
86) Indeno(1,2,3-cd)pyrene	16.94	276	869643	51.689	ng		97
88) Benzo(b)fluoranthene	15.04	252	885195	42.213	ng		99
89) Benzo(k)fluoranthene	15.07	252	778399	38.754	ng		99
90) Benzo(a)pyrene	15.41	252	820948	43.510	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	732113	48.144	ng		99
92) Benzo(g,h,i)perylene	17.39	276	707926	49.344	ng		95

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

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