Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113265.D
Acq On : 24 Mar 2019 13:55
Operator : JU/SJ
Sample : K2058-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Manual Integrations APPROVED
Sohil
3/26/2019 6:34:48 PM

Quant Time: Mar 25 04:45:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162576	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	607498	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	304732	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	634680	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	492893	20.00	ng		0.00
87) Perylene-d12	15.27	264	439093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1258837	120.45	ng		0.00
7) Phenol-d6	6.37	99	1611473	122.74	ng		0.00
23) Nitrobenzene-d5	7.28	82	1024279	100.89	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	550743	170.24	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1786440	102.73	ng		-0.02
79) Terphenyl-d14	12.82	244	2069324	81.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	165025	31.500	ng		99
3) Pyridine	3.14	79	415802	29.666	ng		99
4) n-Nitrosodimethylamine	3.06	42	208565	34.017	ng		99
6) Aniline	6.38	93	437337	24.200	ng	#	5
8) 2-Chlorophenol	6.50	128	436794	37.544	ng		99
9) Benzaldehyde	6.26	77	109539	11.579	ng		100
10) Phenol	6.39	94	547588	35.743	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	422551	35.934	ng		95
12) 1,3-Dichlorobenzene	6.66	146	461587	38.407	ng		96
13) 1,4-Dichlorobenzene	6.73	146	472688	39.218	ng		97
14) 1,2-Dichlorobenzene	6.89	146	433609	39.244	ng		98
15) Benzyl Alcohol	6.86	79	366885	36.648	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	678636	34.582	ng		87
17) 2-Methylphenol	6.99	107	359467	38.086	ng		93
18) Hexachloroethane	7.23	117	169726	36.762	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	303660	36.520	ng		98
20) 3+4-Methylphenols	7.14	107	445344	41.794	ng	#	66
22) Acetophenone	7.13	105	607907	42.795	ng	#	91
24) Nitrobenzene	7.30	77	465295	41.178	ng		99
25) Isophorone	7.54	82	872250	39.880	ng		99
26) 2-Nitrophenol	7.62	139	249375	53.016	ng		99
27) 2,4-Dimethylphenol	7.66	122	403624	46.124	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	553181	40.453	ng		100
29) 2,4-Dichlorophenol	7.86	162	391420	46.124	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	409526	44.912	ng		99
31) Naphthalene	8.02	128	1260588	41.795	ng		99
32) Benzoic acid	7.75	122	27982	4.562	ng		87
33) 4-Chloroaniline	8.07	127	297249	23.269	ng		99
34) Hexachlorobutadiene	8.14	225	237080	46.103	ng		98
35) Caprolactam	8.45	113	129550m	43.344	ng		
36) 4-Chloro-3-methylphenol	8.57	107	406810	43.316	ng		96
37) 2-Methylnaphthalene	8.71	142	861300	44.220	ng		99
38) 1-Methylnaphthalene	8.81	142	813789	43.131	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	398648	44.861	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	397835	81.756	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	286222	46.800	ng		100
44) 2,4,5-Trichlorophenol	9.04	196	309956	46.889	ng		99
46) 1,1'-Biphenyl	9.17	154	1050600	42.268	ng		99
47) 2-Chloronaphthalene	9.20	162	814536	41.969	ng		98
48) 2-Nitroaniline	9.30	65	269168	45.628	ng		90
49) Acenaphthylene	9.61	152	1319498	40.047	ng		100
50) Dimethylphthalate	9.48	163	1088109	48.426	ng		99
51) 2,6-Dinitrotoluene	9.54	165	225882	48.275	ng	#	80
52) Acenaphthene	9.78	154	751983	39.028	ng		98
53) 3-Nitroaniline	9.70	138	194297	34.078	ng		97
54) 2,4-Dinitrophenol	9.82	184	90979	50.154	ng		93
55) Dibenzofuran	9.96	168	1152184	41.143	ng		96
56) 4-Nitrophenol	9.89	139	348614	75.234	ng		93
57) 2,4-Dinitrotoluene	9.95	165	292478	50.287	ng		88
58) Fluorene	10.30	166	880267	44.288	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	276309	50.170	ng	#	93
60) Diethylphthalate	10.17	149	1011734	42.633	ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	445933	48.221	ng		96
62) 4-Nitroaniline	10.32	138	260372	49.421	ng		96
63) Azobenzene	10.45	77	916554	37.707	ng		92
65) 4,6-Dinitro-2-methylphenol	10.36	198	132227	50.444	ng		78
66) n-Nitrosodiphenylamine	10.41	169	835222	41.033	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	297164	44.452	ng		94
68) Hexachlorobenzene	10.85	284	343237	45.548	ng	#	86
69) Atrazine	10.94	200	282264	45.278	ng		99
70) Pentachlorophenol	11.05	266	336045	75.764	ng		98
71) Phenanthrene	11.26	178	1333705	42.236	ng		99
72) Anthracene	11.30	178	1384194	41.875	ng		100
73) Carbazole	11.46	167	1327687	41.174	ng		99
74) Di-n-butylphthalate	11.79	149	1644412	42.531	ng		99
75) Fluoranthene	12.44	202	1486345	43.933	ng		97
77) Benzidine	12.56	184	527532	20.629	ng		98
78) Pyrene	12.67	202	1507192	36.272	ng		100
80) Butylbenzylphthalate	13.29	149	723674	39.456	ng		92
81) Benzo(a)anthracene	13.85	228	1179852	34.538	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	356334	27.581	ng		99
83) Chrysene	13.89	228	1226508	36.654	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	939419	43.667	ng		100
85) Di-n-octyl phthalate	14.45	149	1641394	44.432	ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1218083	42.699	ng		94
88) Benzo(b)fluoranthene	14.87	252	1195256m	42.084	ng		
89) Benzo(k)fluoranthene	14.90	252	991392	38.536	ng		99
90) Benzo(a)pyrene	15.21	252	1048723	41.746	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	1020242	47.593	ng		97
92) Benzo(g,h,i)perylene	17.05	276	1041802	48.398	ng	#	95

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

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