Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112675.D
Acq On : 22 Feb 2019 20:11
Operator : JU/SJ
Sample : K1556-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPMS

Manual Integrations APPROVED
Sohil
2/25/2019 9:21:16 AM

Quant Time: Feb 25 00:35:53 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 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93241	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	356205	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	168254	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	286163	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	171467	20.00	ng		-0.03
87) Perylene-d12	15.45	264	174623	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	731543	166.65	ng		-0.01
7) Phenol-d6	6.49	99	923004	151.32	ng		0.00
23) Nitrobenzene-d5	7.39	82	590443	95.51	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	255429	130.43	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1107000	93.05	ng		-0.03
79) Terphenyl-d14	12.92	244	861327	94.61	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	71906	41.120	ng		95
3) Pyridine	3.39	79	178381	40.101	ng		96
4) n-Nitrosodimethylamine	3.33	42	105250	56.318	ng	#	81
6) Aniline	6.49	93	239076	32.948	ng	#	87
8) 2-Chlorophenol	6.62	128	254189	43.044	ng		95
9) Benzaldehyde	6.37	77	100016	31.371	ng		98
10) Phenol	6.50	94	351368	52.505	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	213195	40.465	ng		97
12) 1,3-Dichlorobenzene	6.76	146	270666	39.356	ng		97
13) 1,4-Dichlorobenzene	6.83	146	274960	38.847	ng		97
14) 1,2-Dichlorobenzene	6.99	146	260466	39.305	ng		95
15) Benzyl Alcohol	6.97	79	216115	42.030	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	251500	37.178	ng		90
17) 2-Methylphenol	7.10	107	197216	42.129	ng		91
18) Hexachloroethane	7.32	117	100152	40.295	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	168161	39.981	ng		97
20) 3+4-Methylphenols	7.26	107	264490	44.183	ng	#	61
22) Acetophenone	7.23	105	352038	40.587	ng	#	92
24) Nitrobenzene	7.40	77	255245	41.342	ng		97
25) Isophorone	7.65	82	437277	45.088	ng		98
26) 2-Nitrophenol	7.72	139	135832	41.168	ng	#	88
27) 2,4-Dimethylphenol	7.77	122	214738	47.238	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	268724	40.693	ng		99
29) 2,4-Dichlorophenol	7.98	162	208399	40.965	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	226144	38.673	ng		99
31) Naphthalene	8.12	128	729754	43.809	ng		99
32) Benzoic acid	7.92	122	66671	25.711	ng		96
33) 4-Chloroaniline	8.18	127	101935	14.054	ng		98
34) Hexachlorobutadiene	8.23	225	129805	37.828	ng		98
35) Caprolactam	8.56	113	63450m	35.356	ng		
36) 4-Chloro-3-methylphenol	8.69	107	219864	40.826	ng		96
37) 2-Methylnaphthalene	8.81	142	508584	44.599	ng		97
38) 1-Methylnaphthalene	8.91	142	475156	43.472	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	222842	40.338	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	60818	35.101	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	137971	40.517	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	133932	37.632	ng	#	93
46) 1,1'-Biphenyl	9.27	154	595638	40.494	ng		98
47) 2-Chloronaphthalene	9.30	162	452337	39.656	ng		96
48) 2-Nitroaniline	9.41	65	131043	42.150	ng		87
49) Acenaphthylene	9.72	152	748298	44.758	ng		98
50) Dimethylphthalate	9.57	163	579156	44.303	ng		99
51) 2,6-Dinitrotoluene	9.65	165	117267	40.054	ng		92
52) Acenaphthene	9.89	154	428743	42.929	ng		98
53) 3-Nitroaniline	9.83	138	88152	27.792	ng		91
54) 2,4-Dinitrophenol	9.95	184	57016	60.682	ng	#	86
55) Dibenzofuran	10.06	168	625542	40.986	ng		91
56) 4-Nitrophenol	10.03	139	62487	37.263	ng		86
57) 2,4-Dinitrotoluene	10.06	165	154066	41.335	ng	#	68
58) Fluorene	10.40	166	521412	45.653	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	114093	42.421	ng		96
60) Diethylphthalate	10.27	149	536067	41.322	ng		96
61) 4-Chlorophenyl-phenylether	10.39	204	235388	37.888	ng	#	90
62) 4-Nitroaniline	10.45	138	101261	32.548	ng		87
63) Azobenzene	10.55	77	460858	40.393	ng		96
65) 4,6-Dinitro-2-methylphenol	10.48	198	49773	31.023	ng		85
66) n-Nitrosodiphenylamine	10.51	169	427923	44.370	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	141025	41.901	ng		93
68) Hexachlorobenzene	10.96	284	146596	40.597	ng		94
69) Atrazine	11.04	200	124605	40.040	ng		97
70) Pentachlorophenol	11.17	266	79737	56.750	ng		99
71) Phenanthrene	11.37	178	882954	59.349	ng		97
72) Anthracene	11.42	178	739204	49.880	ng		99
73) Carbazole	11.57	167	561071	38.381	ng		99
74) Di-n-butylphthalate	11.89	149	737679	40.655	ng		99
75) Fluoranthene	12.56	202	1132009	70.943	ng		99
77) Benzidine	12.67	184	184688m	39.134	ng		
78) Pyrene	12.79	202	1039098	87.530	ng		99
80) Butylbenzylphthalate	13.37	149	241092	41.976	ng		89
81) Benzo(a)anthracene	13.97	228	697926	69.241	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	108370	28.728	ng		99
83) Chrysene	14.01	228	628334	65.304	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	311584	38.217	ng		97
85) Di-n-octyl phthalate	14.54	149	489191	38.999	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	593917	77.901	ng		94
88) Benzo(b)fluoranthene	15.03	252	799851	76.590	ng		99
89) Benzo(k)fluoranthene	15.05	252	534141	53.397	ng		99
90) Benzo(a)pyrene	15.39	252	693241	73.774	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	392170	51.783	ng		99
92) Benzo(g,h,i)perylene	17.39	276	478576	66.980	ng		96

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

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