Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF021419\
Data File : BF112568.D
Acq On : 14 Feb 2019 15:25
Operator : JU/SJ
Sample : K1350-05MS 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Manual Integrations APPROVED
Sohil
2/15/2019 4:53:09 PM

Quant Time: Feb 15 06:32:00 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	6.83	152	97100	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	372595	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	168139	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	316815	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	268817	20.00	ng		0.00
87) Perylene-d12	15.49	264	206053	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	128577	28.13	ng		-0.01
7) Phenol-d6	6.48	99	158436	24.94	ng		-0.01
23) Nitrobenzene-d5	7.39	82	98309	15.20	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	42888	21.91	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	197845	16.64	ng		-0.02
79) Terphenyl-d14	12.94	244	205597	14.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	11890	6.529	ng	#	91
3) Pyridine	3.37	79	24560	5.302	ng		94
4) n-Nitrosodimethylamine	3.28	42	10532	5.412	ng	#	73
6) Aniline	6.50	93	21708	2.873	ng	#	31
8) 2-Chlorophenol	6.63	128	38565	6.271	ng		96
9) Benzaldehyde	6.39	77	12383	3.730	ng		90
10) Phenol	6.50	94	47501	6.816	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	35604	6.489	ng		95
12) 1,3-Dichlorobenzene	6.77	146	43172	6.028	ng		99
13) 1,4-Dichlorobenzene	6.85	146	44005	5.970	ng		96
14) 1,2-Dichlorobenzene	7.00	146	42540	6.164	ng		94
15) Benzyl Alcohol	6.98	79	31830	5.944	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	41198	5.848	ng	#	26
17) 2-Methylphenol	7.10	107	29607	6.073	ng	#	87
18) Hexachloroethane	7.34	117	13652	5.274	ng		89
19) n-Nitroso-di-n-propylamine	7.23	70	25215	5.757	ng		98
20) 3+4-Methylphenols	7.26	107	41029	6.581	ng	#	62
22) Acetophenone	7.24	105	54981	6.060	ng	#	91
24) Nitrobenzene	7.41	77	37229	5.765	ng		98
25) Isophorone	7.65	82	68561	6.758	ng	#	95
26) 2-Nitrophenol	7.73	139	16189	4.691	ng	#	83
27) 2,4-Dimethylphenol	7.78	122	34158	7.183	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	43936	6.361	ng		99
29) 2,4-Dichlorophenol	8.00	162	31560	5.931	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	36453	5.960	ng		99
31) Naphthalene	8.13	128	116331	6.676	ng		98
33) 4-Chloroaniline	8.20	127	25347	3.341	ng		97
34) Hexachlorobutadiene	8.25	225	21193	5.904	ng		94
35) Caprolactam	8.53	113	9249	4.927	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	33059	5.869	ng		98
37) 2-Methylnaphthalene	8.83	142	79957	6.703	ng		97
38) 1-Methylnaphthalene	8.93	142	75235m	6.581	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	33913	6.143	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	20724	6.090	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.18	196	22665	6.373	ng	#	94
46) 1,1'-Biphenyl	9.29	154	93380	6.353	ng		98
47) 2-Chloronaphthalene	9.32	162	70424	6.178	ng		97
48) 2-Nitroaniline	9.42	65	19754	6.358	ng		96
49) Acenaphthylene	9.73	152	112774	6.750	ng		98
50) Dimethylphthalate	9.58	163	102133	7.818	ng		98
51) 2,6-Dinitrotoluene	9.65	165	15520	5.305	ng	#	66
52) Acenaphthene	9.90	154	63758	6.388	ng		98
53) 3-Nitroaniline	9.83	138	17480	5.515	ng		87
55) Dibenzofuran	10.07	168	97135	6.369	ng		92
56) 4-Nitrophenol	10.07	139	56863	33.932	ng	#	20
57) 2,4-Dinitrotoluene	10.07	165	20150	5.410	ng	#	57
58) Fluorene	10.42	166	78034	6.837	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	16699	6.213	ng	#	90
60) Diethylphthalate	10.27	149	88364	6.816	ng		95
61) 4-Chlorophenyl-phenylether	10.40	204	37267	6.003	ng		94
62) 4-Nitroaniline	10.45	138	18136	5.833	ng		96
63) Azobenzene	10.56	77	67022	5.878	ng		98
66) n-Nitrosodiphenylamine	10.52	169	66530	6.231	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	22228	5.965	ng		90
68) Hexachlorobenzene	10.97	284	23433	5.862	ng		96
69) Atrazine	11.05	200	22228	6.452	ng		98
70) Pentachlorophenol	11.19	266	11303	7.266	ng		97
71) Phenanthrene	11.38	178	112608	6.837	ng		96
72) Anthracene	11.43	178	117358	7.153	ng		97
73) Carbazole	11.60	167	103356	6.386	ng		99
74) Di-n-butylphthalate	11.90	149	138815	6.910	ng		98
75) Fluoranthene	12.57	202	120177	6.803	ng		97
77) Benzidine	12.70	184	57437	7.763	ng	#	94
78) Pyrene	12.81	202	121402	6.523	ng		97
80) Butylbenzylphthalate	13.40	149	58149	6.458	ng		92
81) Benzo(a)anthracene	14.00	228	102859	6.509	ng		97
82) 3,3'-Dichlorobenzidine	13.95	252	29221	4.941	ng		97
83) Chrysene	14.03	228	96805	6.418	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	96367	7.539	ng		95
85) Di-n-octyl phthalate	14.57	149	137671	7.001	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.98	276	70234	5.876	ng		97
88) Benzo(b)fluoranthene	15.05	252	85390	6.929	ng	#	94
89) Benzo(k)fluoranthene	15.08	252	74383	6.302	ng		98
90) Benzo(a)pyrene	15.43	252	73185	6.600	ng	#	95
91) Dibenzo(a,h)anthracene	16.98	278	62057	6.944	ng		94
92) Benzo(g,h,i)perylene	17.44	276	57045	6.766	ng		95

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

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