Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113325.D
Acq On : 27 Mar 2019 12:32
Operator : JU/SJ
Sample : K1933-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MS

Manual Integrations APPROVED
Sohil
3/28/2019 8:41:38 AM

Quant Time: Mar 28 01:28:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169880	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	622028	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	306519	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	616450	20.00	ng		0.00
76) Chrysene-d12	13.84	240	388071	20.00	ng		0.00
87) Perylene-d12	15.24	264	406631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1327629	127.79	ng		0.01
7) Phenol-d6	6.36	99	1728082	131.48	ng		0.00
23) Nitrobenzene-d5	7.27	82	1073558	102.44	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	478747	126.44	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1689634	86.76	ng		0.00
79) Terphenyl-d14	12.79	244	1717625	97.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	202401	38.397	ng		98
3) Pyridine	3.12	79	521635	40.141	ng		97
4) n-Nitrosodimethylamine	3.05	42	236584	40.953	ng		90
6) Aniline	6.37	93	224516	14.027	ng	#	1
8) 2-Chlorophenol	6.50	128	495349	41.057	ng		93
9) Benzaldehyde	6.25	77	167626	19.006	ng		97
10) Phenol	6.37	94	606230	40.402	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	469132	40.788	ng		100
12) 1,3-Dichlorobenzene	6.65	146	513219	39.463	ng		99
13) 1,4-Dichlorobenzene	6.72	146	528791	42.112	ng		99
14) 1,2-Dichlorobenzene	6.87	146	486648	39.394	ng		98
15) Benzyl Alcohol	6.85	79	394300	45.475	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	725908	42.012	ng		96
17) 2-Methylphenol	6.97	107	414506	43.840	ng		98
18) Hexachloroethane	7.22	117	184435	40.894	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	333073	40.344	ng		97
20) 3+4-Methylphenols	7.13	107	516666	48.087	ng		96
22) Acetophenone	7.12	105	669822	47.218	ng		98
24) Nitrobenzene	7.29	77	522209	47.751	ng		95
25) Isophorone	7.53	82	952214	46.885	ng		98
26) 2-Nitrophenol	7.60	139	272373	47.119	ng		97
27) 2,4-Dimethylphenol	7.65	122	451784	54.332	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	599040	46.837	ng		99
29) 2,4-Dichlorophenol	7.85	162	433657	48.125	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	446430	45.920	ng		98
31) Naphthalene	8.01	128	1408544	46.338	ng		99
32) Benzoic acid	7.73	122	22633	3.381	ng	#	80
33) 4-Chloroaniline	8.06	127	145578	12.282	ng		98
34) Hexachlorobutadiene	8.13	225	255413	44.202	ng		97
35) Caprolactam	8.43	113	137825m	47.657	ng		
36) 4-Chloro-3-methylphenol	8.56	107	451302	49.794	ng		97
37) 2-Methylnaphthalene	8.70	142	933353	49.210	ng		100
38) 1-Methylnaphthalene	8.80	142	884866	48.504	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	425319	43.227	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	345813	83.035	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	300045	46.829	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	319479	45.055	ng		98
46) 1,1'-Biphenyl	9.16	154	1118078	43.674	ng		99
47) 2-Chloronaphthalene	9.19	162	879322	44.611	ng		100
48) 2-Nitroaniline	9.29	65	297619	48.114	ng		98
49) Acenaphthylene	9.60	152	1424453	44.695	ng		100
50) Dimethylphthalate	9.47	163	1158769	51.012	ng		100
51) 2,6-Dinitrotoluene	9.53	165	241807	47.186	ng		97
52) Acenaphthene	9.77	154	809266	45.089	ng		99
53) 3-Nitroaniline	9.69	138	138284	23.929	ng		94
54) 2,4-Dinitrophenol	9.81	184	48431	19.002	ng	#	87
55) Dibenzofuran	9.95	168	1223237	45.335	ng		98
56) 4-Nitrophenol	9.87	139	323010	78.399	ng		96
57) 2,4-Dinitrotoluene	9.93	165	303887	46.631	ng		99
58) Fluorene	10.29	166	927434	44.246	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	251579	41.955	ng		99
60) Diethylphthalate	10.16	149	1015445	45.569	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	453784	44.419	ng		97
62) 4-Nitroaniline	10.31	138	267053	44.882	ng		99
63) Azobenzene	10.43	77	958274	45.683	ng		96
65) 4,6-Dinitro-2-methylphenol	10.35	198	76711	22.748	ng		97
66) n-Nitrosodiphenylamine	10.40	169	876623	46.343	ng		98
67) 4-Bromophenyl-phenylether	10.76	248	304203	45.276	ng		98
68) Hexachlorobenzene	10.83	284	355746	45.615	ng	#	93
69) Atrazine	10.93	200	280065	46.908	ng		97
70) Pentachlorophenol	11.03	266	237272	58.395	ng		99
71) Phenanthrene	11.24	178	1386713	45.298	ng		99
72) Anthracene	11.29	178	1448794	46.593	ng		99
73) Carbazole	11.45	167	1369169	46.145	ng		100
74) Di-n-butylphthalate	11.78	149	1558368	45.291	ng		99
75) Fluoranthene	12.42	202	1457701	42.121	ng		99
77) Benzidine	12.54	184	182870	12.305	ng		97
78) Pyrene	12.65	202	1450688	53.945	ng		100
80) Butylbenzylphthalate	13.27	149	582422	49.143	ng		95
81) Benzo(a)anthracene	13.83	228	998056	44.929	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	201181	22.575	ng		99
83) Chrysene	13.87	228	1042186	46.190	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	681729	46.922	ng		99
85) Di-n-octyl phthalate	14.43	149	1127733	45.728	ng		99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1302686	67.273	ng		98
88) Benzo(b)fluoranthene	14.85	252	1092261	43.241	ng		100
89) Benzo(k)fluoranthene	14.87	252	942807	42.502	ng		98
90) Benzo(a)pyrene	15.19	252	1028052	45.908	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	1081143	55.836	ng		99
92) Benzo(g,h,i)perylene	17.01	276	1144808	58.638	ng		98

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

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