Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116109.D
Acq On : 9 Aug 2019 13:25
Operator : HP/JU
Sample : K4219-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:49 AM

Quant Time: Aug 11 01:10:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121518	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	478318	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	257355	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	460184	20.00	ng		0.00
76) Chrysene-d12	14.00	240	354987	20.00	ng		0.00
87) Perylene-d12	15.47	264	316283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	907581	125.03	ng		0.00
7) Phenol-d6	6.49	99	1197967	130.81	ng		0.00
23) Nitrobenzene-d5	7.40	82	749780	90.48	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	330315	132.38	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1134245	82.55	ng		-0.01
79) Terphenyl-d14	12.94	244	1456695	86.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	115049	31.373	ng		98
3) Pyridine	3.39	79	306723	29.942	ng		98
4) n-Nitrosodimethylamine	3.32	42	140799	34.829	ng		99
6) Aniline	6.50	93	324526	24.743	ng	#	88
8) 2-Chlorophenol	6.63	128	328753	40.957	ng		96
9) Benzaldehyde	6.39	77	166773	26.392	ng		99
10) Phenol	6.50	94	498625	46.234	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	314116	39.615	ng		99
12) 1,3-Dichlorobenzene	6.78	146	348588	37.577	ng		98
13) 1,4-Dichlorobenzene	6.86	146	357342	38.472	ng		98
14) 1,2-Dichlorobenzene	7.01	146	328804	38.445	ng		99
15) Benzyl Alcohol	6.99	79	280844	40.408	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	411727	38.069	ng		89
17) 2-Methylphenol	7.10	107	278572	40.986	ng		99
18) Hexachloroethane	7.35	117	127791	37.368	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	225135	39.670	ng		98
20) 3+4-Methylphenols	7.25	107	345578	42.966	ng		91
22) Acetophenone	7.25	105	447137	42.624	ng		98
24) Nitrobenzene	7.42	77	364241	40.709	ng		98
25) Isophorone	7.66	82	656818	41.453	ng		98
26) 2-Nitrophenol	7.74	139	180244	42.736	ng		96
27) 2,4-Dimethylphenol	7.77	122	300180	47.307	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	405916	41.332	ng		99
29) 2,4-Dichlorophenol	7.99	162	291417	43.496	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	304795	39.909	ng		99
31) Naphthalene	8.14	128	947813	42.109	ng		99
32) Benzoic acid	7.90	122	20288m	4.535	ng		
33) 4-Chloroaniline	8.19	127	178891	17.788	ng		97
34) Hexachlorobutadiene	8.26	225	171414	38.967	ng		100
35) Caprolactam	8.56	113	88153m	40.681	ng		
36) 4-Chloro-3-methylphenol	8.68	107	305214	43.790	ng		98
37) 2-Methylnaphthalene	8.83	142	633479	42.734	ng		98
38) 1-Methylnaphthalene	8.93	142	598021	42.643	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	292438	42.505	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	168382	56.402	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	187495	39.592	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	203011	41.471	ng	98
46) 1,1'-Biphenyl	9.29	154	787164	43.324	ng	99
47) 2-Chloronaphthalene	9.32	162	613532	40.572	ng	99
48) 2-Nitroaniline	9.42	65	204023	40.817	ng	98
49) Acenaphthylene	9.73	152	949811	43.052	ng	98
50) Dimethylphthalate	9.59	163	809857	46.217	ng	100
51) 2,6-Dinitrotoluene	9.66	165	166283	43.666	ng	99
52) Acenaphthene	9.91	154	565958	41.816	ng	99
53) 3-Nitroaniline	9.83	138	128342	27.276	ng	94
54) 2,4-Dinitrophenol	9.95	184	58584	35.106	ng	97
55) Dibenzofuran	10.08	168	827952	42.065	ng	99
56) 4-Nitrophenol	10.01	139	242267	80.374	ng	93
57) 2,4-Dinitrotoluene	10.07	165	217379	42.875	ng	98
58) Fluorene	10.42	166	669475	44.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178438	43.326	ng	98
60) Diethylphthalate	10.29	149	710457	43.427	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	334884	43.665	ng	99
62) 4-Nitroaniline	10.45	138	203298	41.808	ng	99
63) Azobenzene	10.57	77	736144	43.747	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	81474	33.409	ng	94
66) n-Nitrosodiphenylamine	10.53	169	599192	43.260	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	207424	42.106	ng	96
68) Hexachlorobenzene	10.97	284	234019	41.082	ng	97
69) Atrazine	11.06	200	197706	43.388	ng	98
70) Pentachlorophenol	11.17	266	159366	57.624	ng	99
71) Phenanthrene	11.39	178	1023813	43.519	ng	99
72) Anthracene	11.44	178	1080678	45.390	ng	99
73) Carbazole	11.59	167	992381	45.942	ng	100
74) Di-n-butylphthalate	11.92	149	1155365	45.851	ng	99
75) Fluoranthene	12.57	202	1123614	45.622	ng	98
77) Benzidine	12.69	184	463042	38.610	ng	97
78) Pyrene	12.80	202	1155141	43.168	ng	100
80) Butylbenzylphthalate	13.41	149	519147	45.864	ng	96
81) Benzo(a)anthracene	13.99	228	986972	43.499	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	210944	26.760	ng	98
83) Chrysene	14.03	228	968531	43.968	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	718934	48.876	ng	98
85) Di-n-octyl phthalate	14.58	149	1134184	48.544	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	833548	45.054	ng	100
88) Benzo(b)fluoranthene	15.04	252	839425	45.901	ng	100
89) Benzo(k)fluoranthene	15.07	252	772150	43.349	ng	98
90) Benzo(a)pyrene	15.41	252	752741	46.045	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	692812	48.959	ng	99
92) Benzo(g,h,i)perylene	17.39	276	724424	52.126	ng	98

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

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