Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115542.D
Acq On : 12 Jul 2019 22:26
Operator : HP/JU
Sample : K3621-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMS

Manual Integrations APPROVED
mohammad
7/15/2019 2:57:35 PM

Quant Time: Jul 13 03:26:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	168246	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	638013	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	307498	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	538891	20.00	ng		0.00
76) Chrysene-d12	14.04	240	339692	20.00	ng		0.00
87) Perylene-d12	15.52	264	379381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1089842	105.96	ng		0.02
7) Phenol-d6	6.52	99	1293354	99.10	ng		0.00
23) Nitrobenzene-d5	7.45	82	1032807	94.13	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	434336	121.01	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1889197	107.53	ng		0.00
79) Terphenyl-d14	12.99	244	1702794	92.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	169919	33.118	ng	#	87
3) Pyridine	3.58	79	359840	25.850	ng		98
4) n-Nitrosodimethylamine	3.51	42	180537	35.750	ng		99
6) Aniline	6.55	93	158612	8.733	ng		99
8) 2-Chlorophenol	6.67	128	468449	39.612	ng		98
9) Benzaldehyde	6.43	77	229392	28.126	ng		99
10) Phenol	6.53	94	468553	30.926	ng		79
11) bis(2-Chloroethyl)ether	6.62	93	459782	39.859	ng		99
12) 1,3-Dichlorobenzene	6.83	146	524096	39.418	ng		99
13) 1,4-Dichlorobenzene	6.90	146	526039	39.653	ng		98
14) 1,2-Dichlorobenzene	7.06	146	493224	40.672	ng		98
15) Benzyl Alcohol	7.02	79	424548	41.005	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	607512	40.003	ng		96
17) 2-Methylphenol	7.14	107	395396	38.797	ng		98
18) Hexachloroethane	7.40	117	185322	37.637	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	340267	39.975	ng		98
20) 3+4-Methylphenols	7.29	107	460706	38.058	ng		95
22) Acetophenone	7.29	105	664325	46.090	ng	#	96
24) Nitrobenzene	7.46	77	525179	44.376	ng		96
25) Isophorone	7.70	82	962804	43.851	ng		98
26) 2-Nitrophenol	7.78	139	263210	43.209	ng		98
27) 2,4-Dimethylphenol	7.82	122	446405	48.978	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	591153	43.888	ng		99
29) 2,4-Dichlorophenol	8.02	162	420755	44.388	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	466220	43.512	ng		99
31) Naphthalene	8.19	128	1409165	45.605	ng		97
32) Benzoic acid	7.92	122	160713	21.486	ng		99
33) 4-Chloroaniline	8.23	127	94341	6.893	ng		98
34) Hexachlorobutadiene	8.31	225	262868	42.781	ng		99
35) Caprolactam	8.60	113	93960m	32.078	ng		
36) 4-Chloro-3-methylphenol	8.72	107	433730	44.111	ng		99
37) 2-Methylnaphthalene	8.88	142	937860	45.789	ng		98
38) 1-Methylnaphthalene	8.98	142	892492	45.875	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	435098	46.988	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	240705	45.569	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	307681	45.437	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	311600	44.932	ng		99
46) 1,1'-Biphenyl	9.35	154	1148818	47.788	ng		98
47) 2-Chloronaphthalene	9.37	162	903229	45.123	ng		98
48) 2-Nitroaniline	9.46	65	270899	43.725	ng		94
49) Acenaphthylene	9.79	152	1356721	45.742	ng		98
50) Dimethylphthalate	9.65	163	1068547	46.187	ng		99
51) 2,6-Dinitrotoluene	9.70	165	239108	45.478	ng		90
52) Acenaphthene	9.96	154	851876	44.487	ng		99
53) 3-Nitroaniline	9.87	138	102769	17.105	ng		95
54) 2,4-Dinitrophenol	9.97	184	94074	34.850	ng		94
55) Dibenzofuran	10.13	168	1213681	44.631	ng		98
56) 4-Nitrophenol	10.03	139	325871	71.127	ng		99
57) 2,4-Dinitrotoluene	10.11	165	310386	45.568	ng	#	86
58) Fluorene	10.47	166	881469	45.342	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	254416	43.886	ng		99
60) Diethylphthalate	10.35	149	1014763	46.814	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	465388	43.168	ng		97
62) 4-Nitroaniline	10.49	138	222982	38.691	ng		99
63) Azobenzene	10.62	77	966110	45.949	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	81969	24.896	ng		92
66) n-Nitrosodiphenylamine	10.58	169	829741	49.498	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	288013	46.769	ng		97
68) Hexachlorobenzene	11.03	284	307018	43.656	ng		97
69) Atrazine	11.10	200	265617	48.301	ng		99
70) Pentachlorophenol	11.22	266	310785	72.253	ng		99
71) Phenanthrene	11.43	178	1268099	45.907	ng		98
72) Anthracene	11.49	178	1288865	45.148	ng		100
73) Carbazole	11.63	167	1122914	44.856	ng		99
74) Di-n-butylphthalate	11.97	149	1471169	47.709	ng		99
75) Fluoranthene	12.62	202	1220068	41.797	ng		99
77) Benzidine	12.73	184	143931	11.961	ng		99
78) Pyrene	12.85	202	1213554	42.167	ng		98
80) Butylbenzylphthalate	13.46	149	555189	45.252	ng		95
81) Benzo(a)anthracene	14.04	228	990122	44.243	ng		96
82) 3,3'-Dichlorobenzidine	13.99	252	188534	23.698	ng		99
83) Chrysene	14.07	228	993443	44.221	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	735843	48.420	ng		99
85) Di-n-octyl phthalate	14.64	149	1250402	51.712	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	903907	47.359	ng		100
88) Benzo(b)fluoranthene	15.09	252	1042068	42.657	ng		99
89) Benzo(k)fluoranthene	15.12	252	971742	44.617	ng		99
90) Benzo(a)pyrene	15.46	252	950233	45.257	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	763171	41.403	ng		99
92) Benzo(g,h,i)perylene	17.44	276	712431	38.754	ng		99

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

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