Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115598.D
Acq On : 16 Jul 2019 15:42
Operator : HP/JU
Sample : K3620-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-071219-AMS

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:12 PM

Quant Time: Jul 17 04:36:41 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	170777	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	574511	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	282242	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	519905	20.00	ng		0.00
76) Chrysene-d12	14.04	240	308879	20.00	ng		0.00
87) Perylene-d12	15.52	264	409146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1078490	103.30	ng		0.02
7) Phenol-d6	6.52	99	1306891	98.65	ng		0.00
23) Nitrobenzene-d5	7.45	82	844122	85.43	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	401886	121.99	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1588779	98.53	ng		0.00
79) Terphenyl-d14	12.99	244	1563507	93.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	167830	32.226	ng	#	86
3) Pyridine	3.55	79	362276	25.639	ng		98
4) n-Nitrosodimethylamine	3.47	42	184867	36.065	ng		98
6) Aniline	6.55	93	179124	9.716	ng		99
8) 2-Chlorophenol	6.67	128	457317	38.098	ng		97
9) Benzaldehyde	6.43	77	199306	24.075	ng		100
10) Phenol	6.53	94	466568	30.338	ng		83
11) bis(2-Chloroethyl)ether	6.62	93	443668	37.892	ng		100
12) 1,3-Dichlorobenzene	6.83	146	478786	35.476	ng		99
13) 1,4-Dichlorobenzene	6.90	146	494946	36.756	ng		97
14) 1,2-Dichlorobenzene	7.06	146	453988	36.881	ng		97
15) Benzyl Alcohol	7.02	79	393769	37.469	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	504930	32.756	ng		97
17) 2-Methylphenol	7.13	107	334764	32.361	ng		100
18) Hexachloroethane	7.40	117	153444	30.701	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	278642	32.250	ng		98
20) 3+4-Methylphenols	7.29	107	386994	31.495	ng	#	86
22) Acetophenone	7.29	105	553433	42.641	ng	#	92
24) Nitrobenzene	7.46	77	424975	39.878	ng		98
25) Isophorone	7.70	82	775307	39.215	ng		100
26) 2-Nitrophenol	7.78	139	217947	39.733	ng		95
27) 2,4-Dimethylphenol	7.82	122	337801	41.159	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	474516	39.123	ng		99
29) 2,4-Dichlorophenol	8.02	162	348626	40.844	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	376828	39.056	ng		98
31) Naphthalene	8.19	128	1147018	41.224	ng		97
32) Benzoic acid	7.92	122	136633	20.286	ng		99
33) 4-Chloroaniline	8.23	127	85344	6.925	ng		97
34) Hexachlorobutadiene	8.31	225	215208	38.896	ng		99
35) Caprolactam	8.60	113	84948m	32.207	ng		
36) 4-Chloro-3-methylphenol	8.72	107	371268	41.932	ng		100
37) 2-Methylnaphthalene	8.88	142	778504	42.210	ng		97
38) 1-Methylnaphthalene	8.98	142	727551	41.531	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	358499	42.180	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	280114	57.775	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	253836	40.839	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	278848	43.807	ng		99
46) 1,1'-Biphenyl	9.35	154	970542	43.985	ng		98
47) 2-Chloronaphthalene	9.37	162	762795	41.518	ng		98
48) 2-Nitroaniline	9.46	65	229969	40.440	ng		99
49) Acenaphthylene	9.79	152	1174494	43.142	ng		97
50) Dimethylphthalate	9.64	163	913603	43.023	ng		99
51) 2,6-Dinitrotoluene	9.70	165	209052	43.320	ng		98
52) Acenaphthene	9.96	154	750088	42.676	ng		99
53) 3-Nitroaniline	9.86	138	76923	13.949	ng		99
54) 2,4-Dinitrophenol	9.97	184	103340	41.709	ng		97
55) Dibenzofuran	10.13	168	1042886	41.782	ng		99
56) 4-Nitrophenol	10.03	139	300956	71.567	ng		96
57) 2,4-Dinitrotoluene	10.10	165	276456	44.218	ng		96
58) Fluorene	10.47	166	782030	43.826	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	228279	42.901	ng		98
60) Diethylphthalate	10.34	149	877753	44.116	ng		97
61) 4-Chlorophenyl-phenylether	10.46	204	404214	40.849	ng		100
62) 4-Nitroaniline	10.48	138	192594	36.409	ng		97
63) Azobenzene	10.62	77	835335	43.285	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	84148	26.491	ng		91
66) n-Nitrosodiphenylamine	10.58	169	722721	44.689	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	253631	42.690	ng		96
68) Hexachlorobenzene	11.02	284	281216	41.447	ng		94
69) Atrazine	11.10	200	235033	44.300	ng		98
70) Pentachlorophenol	11.22	266	304094	73.279	ng		98
71) Phenanthrene	11.43	178	1146373	43.016	ng		97
72) Anthracene	11.49	178	1170971	42.516	ng		99
73) Carbazole	11.63	167	1014956	42.024	ng		99
74) Di-n-butylphthalate	11.97	149	1288198	43.301	ng		100
75) Fluoranthene	12.62	202	1138382	40.423	ng		99
77) Benzidine	12.73	184	169272	15.470	ng	#	62
78) Pyrene	12.84	202	1096834	41.913	ng		97
80) Butylbenzylphthalate	13.46	149	474439	42.528	ng		98
81) Benzo(a)anthracene	14.03	228	861076	42.315	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	166635	23.035	ng		98
83) Chrysene	14.07	228	880575	43.107	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	627530	45.412	ng		98
85) Di-n-octyl phthalate	14.63	149	1071419	48.731	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1072972	61.825	ng		99
88) Benzo(b)fluoranthene	15.09	252	942403	35.771	ng		98
89) Benzo(k)fluoranthene	15.12	252	917776	39.073	ng		100
90) Benzo(a)pyrene	15.46	252	963924	42.569	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	874278	43.980	ng		100
92) Benzo(g,h,i)perylene	17.44	276	858024	43.278	ng		100

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

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