Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115347.D
Acq On : 1 Jul 2019 19:14
Operator : HP/JU
Sample : K3606-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1MSD

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:50 PM

Quant Time: Jul 02 09:17:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191017	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	742243	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	356334	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	675938	20.00	ng		0.00
76) Chrysene-d12	13.72	240	433300	20.00	ng		0.00
87) Perylene-d12	15.09	264	378730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	624603	50.46	ng		0.00
7) Phenol-d6	6.24	99	799443	53.21	ng		0.00
23) Nitrobenzene-d5	7.16	82	464454	38.49	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	212885	56.65	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	932197	44.44	ng		0.00
79) Terphenyl-d14	12.68	244	948404	46.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	80171	13.724	ng		98
3) Pyridine	2.85	79	204292	12.407	ng		99
4) n-Nitrosodimethylamine	2.77	42	87163	13.503	ng		94
6) Aniline	6.26	93	193962	9.393	ng	#	84
8) 2-Chlorophenol	6.38	128	231247	16.614	ng		99
9) Benzaldehyde	6.14	77	130339	13.297	ng		98
10) Phenol	6.25	94	280715	15.951	ng		96
11) bis(2-Chloroethyl)ether	6.34	93	208175	16.047	ng		98
12) 1,3-Dichlorobenzene	6.54	146	250996	16.249	ng		98
13) 1,4-Dichlorobenzene	6.62	146	257371	16.615	ng		99
14) 1,2-Dichlorobenzene	6.77	146	240954	16.797	ng		99
15) Benzyl Alcohol	6.74	79	173803	15.887	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	288632	15.340	ng		98
17) 2-Methylphenol	6.87	107	187045	16.281	ng		99
18) Hexachloroethane	7.11	117	66310	11.874	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	147963	15.383	ng		99
20) 3+4-Methylphenols	7.02	107	236291	17.812	ng	#	77
22) Acetophenone	7.01	105	312310	18.379	ng	#	95
24) Nitrobenzene	7.18	77	224090	16.858	ng		97
25) Isophorone	7.42	82	402630	16.289	ng		99
26) 2-Nitrophenol	7.50	139	91482	13.936	ng		97
27) 2,4-Dimethylphenol	7.55	122	201432	18.741	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	258661	16.557	ng		99
29) 2,4-Dichlorophenol	7.74	162	191638	17.277	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	210812	17.206	ng		99
31) Naphthalene	7.91	128	703465	19.307	ng		97
32) Benzoic acid	7.65	122	6067m	0.791	ng		
33) 4-Chloroaniline	7.95	127	206899	12.425	ng		99
34) Hexachlorobutadiene	8.03	225	113507	16.906	ng		98
35) Caprolactam	8.29	113	59396	15.927	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	191358	17.035	ng		98
37) 2-Methylnaphthalene	8.60	142	455935	18.559	ng		98
38) 1-Methylnaphthalene	8.70	142	422446	18.005	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	198623	19.725	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	35118	5.882	ng		97
43) 2,4,6-Trichlorophenol	8.88	196	134018	17.239	ng		98
44) 2,4,5-Trichlorophenol	8.91	196	144277	18.022	ng		98
46) 1,1'-Biphenyl	9.06	154	532748	18.685	ng		97
47) 2-Chloronaphthalene	9.08	162	410838	17.764	ng		99
48) 2-Nitroaniline	9.17	65	130024	19.284	ng		94
49) Acenaphthylene	9.49	152	706336	19.602	ng		98
50) Dimethylphthalate	9.36	163	576356	21.985	ng		98
51) 2,6-Dinitrotoluene	9.41	165	90150	14.895	ng		97
52) Acenaphthene	9.66	154	398046	17.653	ng		99
53) 3-Nitroaniline	9.58	138	131371	17.786	ng		99
54) 2,4-Dinitrophenol	9.69	184	3193	8.275	ng	#	67
55) Dibenzofuran	9.83	168	594739	18.378	ng		98
56) 4-Nitrophenol	9.74	139	170681	28.824	ng		97
57) 2,4-Dinitrotoluene	9.81	165	107633	13.773	ng	#	91
58) Fluorene	10.17	166	455704	17.060	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	113568	16.918	ng		99
60) Diethylphthalate	10.06	149	464229	17.616	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	207079	15.811	ng		99
62) 4-Nitroaniline	10.18	138	140464	18.957	ng		99
63) Azobenzene	10.33	77	409713	16.645	ng		98
65) 4,6-Dinitro-2-methylphenol	10.22	198	6121	6.486	ng		84
66) n-Nitrosodiphenylamine	10.28	169	389177	18.481	ng		99
67) 4-Bromophenyl-phenylether	10.65	248	130855	17.856	ng		99
68) Hexachlorobenzene	10.72	284	141364	17.771	ng		94
69) Atrazine	10.81	200	123360	18.210	ng		97
70) Pentachlorophenol	10.91	266	143752	28.366	ng		97
71) Phenanthrene	11.13	178	1120356	30.785	ng		99
72) Anthracene	11.18	178	809977	22.048	ng		98
73) Carbazole	11.33	167	634319	19.336	ng		98
74) Di-n-butylphthalate	11.68	149	714619	18.852	ng		100
75) Fluoranthene	12.31	202	1513785	41.689	ng		99
77) Benzidine	12.43	184	238076	12.374	ng		99
78) Pyrene	12.54	202	1480823	44.470	ng		100
80) Butylbenzylphthalate	13.17	149	331907	22.586	ng		95
81) Benzo(a)anthracene	13.72	228	962326	30.952	ng		99
82) 3,3'-Dichlorobenzidine	13.68	252	182428	16.248	ng		99
83) Chrysene	13.75	228	899022	31.567	ng		98
84) Bis(2-ethylhexyl)phthalate	13.74	149	418064	21.711	ng	#	100
85) Di-n-octyl phthalate	14.34	149	606496	18.746	ng		99
86) Indeno(1,2,3-cd)pyrene	16.37	276	528642	15.687	ng		97
88) Benzo(b)fluoranthene	14.72	252	809950	34.274	ng		98
89) Benzo(k)fluoranthene	14.74	252	548388	25.876	ng		98
90) Benzo(a)pyrene	15.04	252	663896	31.169	ng		99
91) Dibenzo(a,h)anthracene	16.38	278	346006	17.401	ng		99
92) Benzo(g,h,i)perylene	16.75	276	449458	22.333	ng		98

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

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