Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117200.D
Acq On : 20 Sep 2019 21:50
Operator : HP/JU
Sample : K4662-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091819MS

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:55 AM

Quant Time: Sep 23 11:10:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38663	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	156698	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	82705	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	132074	20.00	ng		0.01
76) Chrysene-d12	13.99	240	86318	20.00	ng		0.01
87) Perylene-d12	15.43	264	67330	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	335701	135.56	ng		0.04
7) Phenol-d6	6.47	99	414918	129.64	ng		0.02
23) Nitrobenzene-d5	7.39	82	322378	108.10	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	126811	183.46	ng		0.01
45) 2-Fluorobiphenyl	9.18	172	610573	115.43	ng		0.00
79) Terphenyl-d14	12.93	244	598070	129.51	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	39238m	37.865	ng		
3) Pyridine	3.54	79	58503	20.626	ng		94
4) n-Nitrosodimethylamine	3.46	42	51997	53.420	ng		77
6) Aniline	6.49	93	38601	9.368	ng	#	16
8) 2-Chlorophenol	6.62	128	138948	52.010	ng		98
9) Benzaldehyde	6.37	77	30497	12.607	ng		96
10) Phenol	6.49	94	144927	41.077	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	134436	51.844	ng		98
12) 1,3-Dichlorobenzene	6.76	146	136649	45.582	ng		97
13) 1,4-Dichlorobenzene	6.84	146	141792	46.347	ng		99
14) 1,2-Dichlorobenzene	6.99	146	138267	48.542	ng		98
15) Benzyl Alcohol	6.97	79	132530	54.000	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	122512	47.820	ng		68
17) 2-Methylphenol	7.09	107	112303	50.157	ng	#	89
18) Hexachloroethane	7.33	117	56865	48.316	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	110223	56.559	ng		95
20) 3+4-Methylphenols	7.24	107	145038	52.005	ng		93
22) Acetophenone	7.23	105	219359	55.099	ng	#	96
24) Nitrobenzene	7.41	77	160554	54.515	ng		95
25) Isophorone	7.65	82	297258	56.294	ng		99
26) 2-Nitrophenol	7.72	139	72719	57.483	ng	#	89
27) 2,4-Dimethylphenol	7.76	122	123233	61.429	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	171530	52.724	ng		100
29) 2,4-Dichlorophenol	7.97	162	117121	55.718	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	117437	51.712	ng		99
31) Naphthalene	8.13	128	434282	57.626	ng		100
32) Benzoic acid	7.93	122	65472	43.879	ng		95
33) 4-Chloroaniline	8.19	127	22308	6.674	ng		96
34) Hexachlorobutadiene	8.24	225	70369	54.616	ng		97
35) Caprolactam	8.57	113	25032m	35.183	ng		
36) 4-Chloro-3-methylphenol	8.67	107	135505	55.286	ng		99
37) 2-Methylnaphthalene	8.82	142	294922	58.115	ng		98
38) 1-Methylnaphthalene	8.92	142	267384	56.256	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	118581	55.524	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	125545	127.793	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	79415	54.795	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	86624	55.942	ng		98
46) 1,1'-Biphenyl	9.28	154	349542	53.880	ng		100
47) 2-Chloronaphthalene	9.31	162	269369	52.612	ng		99
48) 2-Nitroaniline	9.40	65	82021	49.945	ng		89
49) Acenaphthylene	9.72	152	422606	55.099	ng		99
50) Dimethylphthalate	9.59	163	325196	55.533	ng		98
51) 2,6-Dinitrotoluene	9.65	165	70890	59.438	ng		93
52) Acenaphthene	9.89	154	247041	54.335	ng		99
53) 3-Nitroaniline	9.82	138	18391	12.222	ng		96
54) 2,4-Dinitrophenol	9.94	184	59533	111.522	ng		96
55) Dibenzofuran	10.07	168	381006	56.797	ng		98
56) 4-Nitrophenol	10.00	139	72494	74.333	ng		86
57) 2,4-Dinitrotoluene	10.06	165	92247	59.585	ng	#	77
58) Fluorene	10.41	166	315168	58.325	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	68411	57.732	ng		97
60) Diethylphthalate	10.28	149	344003	59.710	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	143348	61.313	ng		98
62) 4-Nitroaniline	10.45	138	61413	39.244	ng	#	86
63) Azobenzene	10.56	77	343868	58.440	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	41154	65.455	ng		95
66) n-Nitrosodiphenylamine	10.52	169	259670	56.929	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	81840	60.676	ng		98
68) Hexachlorobenzene	10.96	284	85217	57.764	ng		97
69) Atrazine	11.05	200	59434	55.901	ng		98
70) Pentachlorophenol	11.16	266	83288	120.442	ng		98
71) Phenanthrene	11.37	178	426768	56.889	ng		99
72) Anthracene	11.42	178	437406	57.112	ng		99
73) Carbazole	11.57	167	367779	50.591	ng		99
74) Di-n-butylphthalate	11.90	149	556989	64.397	ng		99
75) Fluoranthene	12.56	202	413855	53.691	ng		98
77) Benzidine	12.70	184	808m	0.291	ng		
78) Pyrene	12.79	202	412670	56.977	ng		99
80) Butylbenzylphthalate	13.39	149	216474	63.254	ng		97
81) Benzo(a)anthracene	13.97	228	315398	54.690	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	30036	16.162	ng		97
83) Chrysene	14.01	228	304249	54.092	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	321250	72.803	ng		98
85) Di-n-octyl phthalate	14.56	149	494863	71.254	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	214491	52.269	ng		98
88) Benzo(b)fluoranthene	15.02	252	233339	57.213	ng		99
89) Benzo(k)fluoranthene	15.04	252	241304	62.459	ng		99
90) Benzo(a)pyrene	15.37	252	212952	59.502	ng		97
91) Dibenzo(a,h)anthracene	16.90	278	182867	64.140	ng		97
92) Benzo(g,h,i)perylene	17.32	276	164383	57.860	ng		98

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

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