Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118395.D
Acq On : 30 Dec 2019 21:52
Operator : JU
Sample : K6456-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04MSD

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:38 PM

Quant Time: Dec 31 07:37:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150032	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	572019	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	291232	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	452135	20.00	ng		0.00
76) Chrysene-d12	14.06	240	290476	20.00	ng		0.00
87) Perylene-d12	15.55	264	278407	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	892096	101.50	ng		0.02
7) Phenol-d6	6.50	99	1134539	104.05	ng		0.01
23) Nitrobenzene-d5	7.42	82	691566	69.15	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	331308	92.12	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1400030	73.38	ng		0.00
79) Terphenyl-d14	12.99	244	1217041	69.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	126618	36.238	ng		98
3) Pyridine	3.41	79	309536	33.251	ng		98
4) n-Nitrosodimethylamine	3.37	42	149648	38.881	ng		97
6) Aniline	6.52	93	267640	19.331	ng		91
8) 2-Chlorophenol	6.65	128	424048	42.599	ng		98
9) Benzaldehyde	6.40	77	231077	36.148	ng		97
10) Phenol	6.51	94	500801	40.865	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	368536	42.050	ng		97
12) 1,3-Dichlorobenzene	6.80	146	457631	39.917	ng		98
13) 1,4-Dichlorobenzene	6.87	146	464453	39.885	ng		99
14) 1,2-Dichlorobenzene	7.03	146	436774	39.728	ng		99
15) Benzyl Alcohol	7.00	79	338860	40.818	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	376173	40.223	ng		62
17) 2-Methylphenol	7.12	107	332636	41.662	ng		96
18) Hexachloroethane	7.36	117	156080	36.520	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	275154	40.965	ng		99
20) 3+4-Methylphenols	7.27	107	429785	42.060	ng	#	79
22) Acetophenone	7.27	105	567052	40.447	ng	#	98
24) Nitrobenzene	7.45	77	407799	40.705	ng		93
25) Isophorone	7.68	82	745692	42.782	ng		98
26) 2-Nitrophenol	7.76	139	226333	42.652	ng		96
27) 2,4-Dimethylphenol	7.80	122	362780	50.107	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	477462	41.886	ng		99
29) 2,4-Dichlorophenol	8.01	162	352111	42.253	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	394982	40.689	ng		96
31) Naphthalene	8.16	128	1210821	41.647	ng		99
32) Benzoic acid	7.95	122	189649	33.028	ng		92
33) 4-Chloroaniline	8.22	127	107951	8.661	ng		98
34) Hexachlorobutadiene	8.27	225	230911	39.961	ng		99
35) Caprolactam	8.60	113	109685m	42.159	ng		
36) 4-Chloro-3-methylphenol	8.71	107	366520	40.965	ng		96
37) 2-Methylnaphthalene	8.86	142	841459	42.272	ng		100
38) 1-Methylnaphthalene	8.96	142	774424	41.294	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	363047	41.490	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	44625	19.782 ng	96
43) 2,4,6-Trichlorophenol	9.15	196	245788	42.045 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	253584	42.168 ng	99
46) 1,1'-Biphenyl	9.32	154	981430	42.606 ng	99
47) 2-Chloronaphthalene	9.35	162	748950	40.398 ng	99
48) 2-Nitroaniline	9.45	65	206241	39.385 ng	99
49) Acenaphthylene	9.77	152	1153314	41.945 ng	99
50) Dimethylphthalate	9.62	163	1003180	45.889 ng	99
51) 2,6-Dinitrotoluene	9.69	165	197017	41.802 ng	98
52) Acenaphthene	9.94	154	671829	40.114 ng	99
53) 3-Nitroaniline	9.86	138	98725	17.847 ng	87
54) 2,4-Dinitrophenol	9.99	184	27236	15.903 ng	97
55) Dibenzofuran	10.11	168	1002602	40.515 ng	96
56) 4-Nitrophenol	10.05	139	253590	74.259 ng	93
57) 2,4-Dinitrotoluene	10.10	165	245520	38.986 ng	86
58) Fluorene	10.46	166	785769	39.334 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	194409	38.048 ng	99
60) Diethylphthalate	10.33	149	915945	42.352 ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	408860	40.999 ng	98
62) 4-Nitroaniline	10.49	138	163497	28.451 ng	93
63) Azobenzene	10.61	77	739989	39.946 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	28200	11.562 ng	97
66) n-Nitrosodiphenylamine	10.57	169	712164	49.146 ng	100
67) 4-Bromophenyl-phenylether	10.94	248	242752	45.878 ng	94
68) Hexachlorobenzene	11.01	284	256700	41.215 ng	98
69) Atrazine	11.10	200	236319	52.840 ng	97
70) Pentachlorophenol	11.21	266	202397	75.035 ng	98
71) Phenanthrene	11.43	178	1022056	41.466 ng	98
72) Anthracene	11.47	178	1053802	42.714 ng	98
73) Carbazole	11.63	167	887996	40.563 ng	99
74) Di-n-butylphthalate	11.96	149	1321161	47.596 ng	100
75) Fluoranthene	12.62	202	912780	36.694 ng	99
77) Benzidine	12.75	184	745561	93.673 ng	98
78) Pyrene	12.85	202	906048	38.197 ng	100
80) Butylbenzylphthalate	13.46	149	455921	42.688 ng	94
81) Benzo(a)anthracene	14.04	228	836416	41.137 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	331118	48.031 ng	100
83) Chrysene	14.09	228	797196	40.947 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	668150	47.576 ng	99
85) Di-n-octyl phthalate	14.63	149	1110283	53.745 ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	615345	37.095 ng	100
88) Benzo(b)fluoranthene	15.11	252	788920	42.689 ng	99
89) Benzo(k)fluoranthene	15.14	252	726457	40.939 ng	97
90) Benzo(a)pyrene	15.49	252	644127	39.566 ng	98
91) Dibenzo(a,h)anthracene	17.08	278	533493	37.763 ng	99
92) Benzo(g,h,i)perylene	17.53	276	487501	35.722 ng	99

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

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