Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117561.D
Acq On : 28 Oct 2019 15:10
Operator : JU
Sample : K5543-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-1MS

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:08 PM

Quant Time: Oct 29 15:34:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44491	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	178520	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	90466	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	141402	20.00	ng		0.00
76) Chrysene-d12	13.89	240	82639	20.00	ng		0.00
87) Perylene-d12	15.33	264	78670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	395234	132.16	ng		0.01
7) Phenol-d6	6.39	99	535351	133.28	ng		0.01
23) Nitrobenzene-d5	7.30	82	329832	91.21	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	95840	122.44	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	560984	87.37	ng		0.00
79) Terphenyl-d14	12.83	244	532613	105.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	46024	36.604	ng		95
3) Pyridine	3.18	79	116283	37.779	ng		98
4) n-Nitrosodimethylamine	3.13	42	48813	43.714	ng	#	98
6) Aniline	6.40	93	156257	33.136	ng	#	25
8) 2-Chlorophenol	6.52	128	140454	44.508	ng		100
9) Benzaldehyde	6.28	77	83283	43.655	ng		97
10) Phenol	6.40	94	193480	47.195	ng		92
11) bis(2-Chloroethyl)ether	6.47	93	134878	44.480	ng		99
12) 1,3-Dichlorobenzene	6.67	146	145586	41.341	ng		97
13) 1,4-Dichlorobenzene	6.75	146	148658	41.612	ng		98
14) 1,2-Dichlorobenzene	6.90	146	138800	41.218	ng		98
15) Benzyl Alcohol	6.89	79	129091	44.984	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	132933	40.638	ng	#	33
17) 2-Methylphenol	7.00	107	117872	45.406	ng		93
18) Hexachloroethane	7.23	117	56841	40.764	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	105426	42.977	ng		95
20) 3+4-Methylphenols	7.16	107	157864	46.381	ng	#	64
22) Acetophenone	7.15	105	206785	43.622	ng	#	94
24) Nitrobenzene	7.32	77	161500	46.629	ng		99
25) Isophorone	7.56	82	284348	45.455	ng		99
26) 2-Nitrophenol	7.63	139	74578	48.279	ng		98
27) 2,4-Dimethylphenol	7.68	122	124026	53.724	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	167640	43.430	ng		96
29) 2,4-Dichlorophenol	7.89	162	109849	45.366	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	112575	43.323	ng		98
31) Naphthalene	8.03	128	406435	45.932	ng		99
32) Benzoic acid	7.85	122	58567	37.039	ng		88
33) 4-Chloroaniline	8.09	127	85580	22.916	ng		96
34) Hexachlorobutadiene	8.15	225	60322	40.107	ng		97
35) Caprolactam	8.47	113	36550m	46.988	ng		
36) 4-Chloro-3-methylphenol	8.59	107	129646	46.947	ng		100
37) 2-Methylnaphthalene	8.72	142	274771	46.083	ng		99
38) 1-Methylnaphthalene	8.82	142	259682	46.349	ng		95
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	104190	42.760	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	31934	56.868	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	68177	44.681	ng		96
44) 2,4,5-Trichlorophenol	9.06	196	72156	46.667	ng		92
46) 1,1'-Biphenyl	9.19	154	322517	43.063	ng		99
47) 2-Chloronaphthalene	9.21	162	247641	43.855	ng		99
48) 2-Nitroaniline	9.32	65	81195	43.801	ng		98
49) Acenaphthylene	9.63	152	390582	47.090	ng		99
50) Dimethylphthalate	9.49	163	346910	53.791	ng		100
51) 2,6-Dinitrotoluene	9.56	165	62373	46.346	ng		93
52) Acenaphthene	9.80	154	228281	44.860	ng		99
53) 3-Nitroaniline	9.73	138	43514	26.648	ng		95
54) 2,4-Dinitrophenol	9.86	184	24453	45.952	ng		97
55) Dibenzofuran	9.97	168	339688	46.074	ng		99
56) 4-Nitrophenol	9.93	139	42815	58.151	ng		96
57) 2,4-Dinitrotoluene	9.97	165	82609	46.169	ng		91
58) Fluorene	10.31	166	275363	45.165	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49624	40.835	ng		94
60) Diethylphthalate	10.19	149	280793	43.045	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	118415	43.290	ng		97
62) 4-Nitroaniline	10.35	138	63021	40.947	ng		98
63) Azobenzene	10.46	77	299720	44.884	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26299	36.581	ng		98
66) n-Nitrosodiphenylamine	10.42	169	236820	45.812	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	65800	43.202	ng		100
68) Hexachlorobenzene	10.87	284	71370	43.755	ng	#	90
69) Atrazine	10.96	200	67901	51.627	ng		98
70) Pentachlorophenol	11.07	266	36098	73.823	ng		97
71) Phenanthrene	11.27	178	379424	46.211	ng		99
72) Anthracene	11.33	178	409327	48.587	ng		99
73) Carbazole	11.49	167	357940	46.491	ng		99
74) Di-n-butylphthalate	11.80	149	448819	43.629	ng		99
75) Fluoranthene	12.46	202	374764	45.594	ng		100
78) Pyrene	12.69	202	374532	52.764	ng		99
80) Butylbenzylphthalate	13.30	149	176218	49.888	ng		99
81) Benzo(a)anthracene	13.89	228	258381	46.352	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	59399	33.958	ng		96
83) Chrysene	13.92	228	250276	45.811	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	245630	49.642	ng	#	95
85) Di-n-octyl phthalate	14.47	149	364319	47.889	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	232587	57.023	ng		99
88) Benzo(b)fluoranthene	14.92	252	211823	45.597	ng		99
89) Benzo(k)fluoranthene	14.94	252	184610	38.772	ng		99
90) Benzo(a)pyrene	15.27	252	185631	43.949	ng		98
91) Dibenzo(a,h)anthracene	16.74	278	192253	52.640	ng		96
92) Benzo(g,h,i)perylene	17.17	276	195022	56.436	ng		97

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

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