Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117413.D
Acq On : 16 Oct 2019 15:06
Operator : JU
Sample : K5148-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-101119MSD

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:33 AM

Quant Time: Oct 17 01:08:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42170	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	170487	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	89912	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	156083	20.00	ng		0.00
76) Chrysene-d12	13.96	240	131644	20.00	ng		0.00
87) Perylene-d12	15.41	264	127691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	343703	125.40	ng		0.01
7) Phenol-d6	6.44	99	463236	127.39	ng		0.00
23) Nitrobenzene-d5	7.36	82	296796	88.25	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	111681	152.62	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	557632	90.42	ng		0.00
79) Terphenyl-d14	12.90	244	649554	80.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	41098	36.425	ng	#	86
3) Pyridine	3.37	79	80859	28.160	ng		96
4) n-Nitrosodimethylamine	3.25	42	43004	42.500	ng		95
6) Aniline	6.46	93	63025	13.874	ng	#	77
8) 2-Chlorophenol	6.59	128	129963	42.651	ng		100
9) Benzaldehyde	6.35	77	40923	18.624	ng		97
10) Phenol	6.45	94	153176	39.017	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	126287	42.310	ng		100
12) 1,3-Dichlorobenzene	6.73	146	121085	35.534	ng		96
13) 1,4-Dichlorobenzene	6.81	146	125167	36.034	ng		97
14) 1,2-Dichlorobenzene	6.96	146	116905	35.632	ng		99
15) Benzyl Alcohol	6.95	79	116253	41.785	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	121697	38.829	ng	#	63
17) 2-Methylphenol	7.06	107	110887	43.591	ng		94
18) Hexachloroethane	7.30	117	46203	34.211	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	97217	41.929	ng		99
20) 3+4-Methylphenols	7.22	107	143265	43.740	ng		91
22) Acetophenone	7.20	105	192223	42.967	ng	#	94
24) Nitrobenzene	7.37	77	144551	42.905	ng		99
25) Isophorone	7.62	82	274612	45.835	ng		100
26) 2-Nitrophenol	7.69	139	67954	45.461	ng		93
27) 2,4-Dimethylphenol	7.73	122	112674	49.597	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	160857	43.309	ng		98
29) 2,4-Dichlorophenol	7.95	162	108657	46.353	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	103342	40.895	ng		99
31) Naphthalene	8.09	128	370268	43.488	ng		99
32) Benzoic acid	7.90	122	64660	42.888	ng		87
33) 4-Chloroaniline	8.16	127	47411	13.112	ng		99
34) Hexachlorobutadiene	8.21	225	55523	38.363	ng		98
35) Caprolactam	8.53	113	35763m	48.718	ng		
36) 4-Chloro-3-methylphenol	8.65	107	129441	48.529	ng		97
37) 2-Methylnaphthalene	8.79	142	258330	44.932	ng		97
38) 1-Methylnaphthalene	8.89	142	242748	44.813	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	101754	42.050	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	49286	109.071	ng		93
43) 2,4,6-Trichlorophenol	9.07	196	70686	46.158	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	76553	49.007	ng		96
46) 1,1'-Biphenyl	9.25	154	317072	43.167	ng		99
47) 2-Chloronaphthalene	9.27	162	244483	42.697	ng		99
48) 2-Nitroaniline	9.38	65	80646	44.143	ng		93
49) Acenaphthylene	9.69	152	392307	46.736	ng		100
50) Dimethylphthalate	9.55	163	296132	45.860	ng		99
51) 2,6-Dinitrotoluene	9.62	165	66439	48.951	ng	#	88
52) Acenaphthene	9.86	154	228011	44.703	ng		99
53) 3-Nitroaniline	9.79	138	46255	27.908	ng		91
54) 2,4-Dinitrophenol	9.92	184	55440	94.463	ng		94
55) Dibenzofuran	10.03	168	343688	46.192	ng		99
56) 4-Nitrophenol	9.97	139	73500	97.136	ng		84
57) 2,4-Dinitrotoluene	10.03	165	87892	49.077	ng		97
58) Fluorene	10.37	166	291769	47.096	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	59661	49.405	ng		96
60) Diethylphthalate	10.25	149	310831	47.754	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	125012	45.577	ng		91
62) 4-Nitroaniline	10.41	138	70148	44.524	ng		96
63) Azobenzene	10.53	77	316425	47.379	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	41436	49.532	ng		95
66) n-Nitrosodiphenylamine	10.49	169	252505	43.305	ng		99
67) 4-Bromophenyl-phenylether	10.85	248	73018	42.651	ng		93
68) Hexachlorobenzene	10.93	284	75044	40.817	ng		91
69) Atrazine	11.02	200	70632	74.705	ng		99
70) Pentachlorophenol	11.13	266	65639	119.336	ng		92
71) Phenanthrene	11.34	178	417984	45.301	ng		99
72) Anthracene	11.39	178	435439	45.716	ng		99
73) Carbazole	11.55	167	415880	48.067	ng		98
74) Di-n-butylphthalate	11.87	149	540631	46.145	ng		100
75) Fluoranthene	12.53	202	449092	48.949	ng		97
77) Benzidine	12.66	184	10019	3.077	ng	#	93
78) Pyrene	12.76	202	459406	39.480	ng		99
80) Butylbenzylphthalate	13.36	149	242504	41.444	ng		95
81) Benzo(a)anthracene	13.95	228	392364	43.439	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	86960	30.450	ng		94
83) Chrysene	13.99	228	387231	43.472	ng		98
84) Bis(2-ethylhexyl)phthalate	13.92	149	353528	42.850	ng		98
85) Di-n-octyl phthalate	14.53	149	606744	48.306	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	304368	48.867	ng		99
88) Benzo(b)fluoranthene	15.00	252	366522	46.107	ng		99
89) Benzo(k)fluoranthene	15.02	252	324941	41.131	ng		97
90) Benzo(a)pyrene	15.36	252	320355	45.510	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	265475	44.012	ng		99
92) Benzo(g,h,i)perylene	17.30	276	239781	41.762	ng		99

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

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