Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
Data File : BF117678.D
Acq On : 1 Nov 2019 13:56
Operator : JU
Sample : K5148-17MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-102919MSD

Manual Integrations APPROVED
mohammad
11/4/2019 12:50:00 PM

Quant Time: Nov 01 16:20:23 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	6.72	152	39352	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	165400	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	88242	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	156078	20.00	ng		0.00
76) Chrysene-d12	13.89	240	117838	20.00	ng		0.00
87) Perylene-d12	15.33	264	106349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	313951	118.69	ng		0.02
7) Phenol-d6	6.39	99	430960	121.30	ng		0.01
23) Nitrobenzene-d5	7.29	82	272461	81.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	93892	122.97	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	489701	78.19	ng		-0.01
79) Terphenyl-d14	12.83	244	584143	80.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	39940	35.913	ng	#	82
3) Pyridine	3.32	79	85030	31.233	ng		98
4) n-Nitrosodimethylamine	3.19	42	44183	44.735	ng		94
6) Aniline	6.40	93	64604	15.489	ng	#	1
8) 2-Chlorophenol	6.52	128	122702	43.960	ng		99
9) Benzaldehyde	6.29	77	50333	26.548	ng		98
10) Phenol	6.40	94	152072	41.939	ng	#	77
11) bis(2-Chloroethyl)ether	6.46	93	124325	46.354	ng		98
12) 1,3-Dichlorobenzene	6.66	146	116973	37.554	ng		98
13) 1,4-Dichlorobenzene	6.74	146	120867	38.251	ng		99
14) 1,2-Dichlorobenzene	6.89	146	114807	38.545	ng		97
15) Benzyl Alcohol	6.89	79	116530	45.910	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	120568	41.672	ng		73
17) 2-Methylphenol	7.00	107	104783	45.635	ng		93
18) Hexachloroethane	7.22	117	45027	36.509	ng		91
19) n-Nitroso-di-n-propylamine	7.15	70	96560	44.503	ng		97
20) 3+4-Methylphenols	7.16	107	137635	45.719	ng	#	62
22) Acetophenone	7.14	105	183050	41.678	ng		95
24) Nitrobenzene	7.31	77	139373	43.433	ng		98
25) Isophorone	7.55	82	263655	45.490	ng		98
26) 2-Nitrophenol	7.63	139	65508	45.771	ng		92
27) 2,4-Dimethylphenol	7.67	122	111740	52.242	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	153140	42.820	ng		99
29) 2,4-Dichlorophenol	7.89	162	100897	44.974	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	96112	39.922	ng		99
31) Naphthalene	8.03	128	352306	42.973	ng		99
32) Benzoic acid	7.86	122	53968	36.838	ng		95
33) 4-Chloroaniline	8.11	127	42099	12.167	ng		94
34) Hexachlorobutadiene	8.14	225	51682	37.089	ng		98
35) Caprolactam	8.48	113	34507m	47.881	ng		
36) 4-Chloro-3-methylphenol	8.59	107	123000	48.073	ng		99
37) 2-Methylnaphthalene	8.72	142	246371	44.598	ng		99
38) 1-Methylnaphthalene	8.82	142	231315	44.561	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	93831	39.480	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	24399	48.314	ng		92
43) 2,4,6-Trichlorophenol	9.01	196	63673	42.781	ng		94
44) 2,4,5-Trichlorophenol	9.07	196	64572	42.814	ng		96
46) 1,1'-Biphenyl	9.18	154	291562	39.911	ng		99
47) 2-Chloronaphthalene	9.21	162	222485	40.393	ng		98
48) 2-Nitroaniline	9.32	65	79690	44.072	ng		95
49) Acenaphthylene	9.62	152	354699	43.842	ng		98
50) Dimethylphthalate	9.49	163	340810	54.177	ng		100
51) 2,6-Dinitrotoluene	9.56	165	62143	47.339	ng	#	73
52) Acenaphthene	9.79	154	214739	43.262	ng		99
53) 3-Nitroaniline	9.74	138	36094	22.661	ng		86
54) 2,4-Dinitrophenol	9.87	184	42056	77.586	ng		98
55) Dibenzofuran	9.96	168	321485	44.704	ng		94
56) 4-Nitrophenol	9.94	139	21537m	31.989	ng		
57) 2,4-Dinitrotoluene	9.97	165	84378	48.346	ng		91
58) Fluorene	10.31	166	267685	45.012	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49638	41.876	ng	#	96
60) Diethylphthalate	10.18	149	294695	46.315	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	116291	43.585	ng		93
62) 4-Nitroaniline	10.36	138	64752	43.132	ng		96
63) Azobenzene	10.46	77	304052	46.680	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	36299	45.743	ng		93
66) n-Nitrosodiphenylamine	10.42	169	235491	41.272	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	66299	39.437	ng		89
68) Hexachlorobenzene	10.86	284	69101	38.381	ng		98
69) Atrazine	10.96	200	75825	52.231	ng		99
70) Pentachlorophenol	11.07	266	37400	69.294	ng		95
71) Phenanthrene	11.27	178	382495	42.205	ng		98
72) Anthracene	11.33	178	404227	43.470	ng		100
73) Carbazole	11.49	167	376169	44.265	ng		99
74) Di-n-butylphthalate	11.80	149	509853	44.901	ng		98
75) Fluoranthene	12.46	202	401293	44.231	ng		99
77) Benzidine	12.59	184	90046	23.338	ng		98
78) Pyrene	12.69	202	410689	40.575	ng		99
80) Butylbenzylphthalate	13.30	149	218888	43.458	ng		98
81) Benzo(a)anthracene	13.89	228	341259	42.933	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	61612	24.702	ng		98
83) Chrysene	13.92	228	331618	42.569	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	332565	47.135	ng		97
85) Di-n-octyl phthalate	14.46	149	556422	51.293	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	242095	41.624	ng		98
88) Benzo(b)fluoranthene	14.92	252	277848	44.243	ng		97
89) Benzo(k)fluoranthene	14.95	252	269475	41.866	ng		100
90) Benzo(a)pyrene	15.27	252	239867	42.009	ng		96
91) Dibenzo(a,h)anthracene	16.74	278	208395	42.209	ng		96
92) Benzo(g,h,i)perylene	17.17	276	198046	42.395	ng		96

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

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