Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117412.D
Acq On : 16 Oct 2019 14:39
Operator : JU
Sample : K5148-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:30 AM

Quant Time: Oct 17 01:15:08 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	42312	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	167245	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	87536	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	149968	20.00	ng		0.00
76) Chrysene-d12	13.96	240	127389	20.00	ng		0.00
87) Perylene-d12	15.41	264	116389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	375022	136.37	ng		0.01
7) Phenol-d6	6.45	99	496243	136.01	ng		0.00
23) Nitrobenzene-d5	7.36	82	315175	95.53	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	111013	155.82	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	576529	96.02	ng		0.00
79) Terphenyl-d14	12.90	244	648055	82.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	47319	41.798	ng	#	85
3) Pyridine	3.42	79	77758	26.989	ng		94
4) n-Nitrosodimethylamine	3.29	42	50481	49.722	ng		93
6) Aniline	6.47	93	42386	9.299	ng	#	72
8) 2-Chlorophenol	6.59	128	141308	46.219	ng		97
9) Benzaldehyde	6.36	77	18097	5.060	ng		96
10) Phenol	6.46	94	171444	43.524	ng		79
11) bis(2-Chloroethyl)ether	6.53	93	137369	45.869	ng		99
12) 1,3-Dichlorobenzene	6.73	146	139411	40.775	ng		98
13) 1,4-Dichlorobenzene	6.81	146	140569	40.332	ng		99
14) 1,2-Dichlorobenzene	6.96	146	136112	41.346	ng		98
15) Benzyl Alcohol	6.95	79	127220	45.574	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	135307	43.027	ng		90
17) 2-Methylphenol	7.06	107	117526	46.046	ng		94
18) Hexachloroethane	7.30	117	55002	40.590	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	105862	45.504	ng		94
20) 3+4-Methylphenols	7.22	107	159527	48.541	ng		89
22) Acetophenone	7.20	105	209372	47.708	ng		95
24) Nitrobenzene	7.37	77	162215	49.082	ng		97
25) Isophorone	7.62	82	293226	49.891	ng		100
26) 2-Nitrophenol	7.69	139	74746	50.974	ng		92
27) 2,4-Dimethylphenol	7.73	122	124571	55.897	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	174674	47.941	ng		98
29) 2,4-Dichlorophenol	7.95	162	117583	51.133	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	113805	45.909	ng		99
31) Naphthalene	8.09	128	414238	49.596	ng		98
32) Benzoic acid	7.90	122	76729	50.357	ng		95
33) 4-Chloroaniline	8.16	127	28672	8.083	ng		97
34) Hexachlorobutadiene	8.21	225	62752	44.199	ng		99
35) Caprolactam	8.53	113	39956m	55.485	ng		
36) 4-Chloro-3-methylphenol	8.65	107	139277	53.228	ng		99
37) 2-Methylnaphthalene	8.79	142	280773	49.783	ng		96
38) 1-Methylnaphthalene	8.88	142	263881	49.659	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	111540	47.345	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	54196	123.193	ng		95
43) 2,4,6-Trichlorophenol	9.07	196	78625	52.736	ng		94
44) 2,4,5-Trichlorophenol	9.13	196	82234	54.073	ng		97
46) 1,1'-Biphenyl	9.25	154	342632	47.913	ng		97
47) 2-Chloronaphthalene	9.27	162	265634	47.651	ng		99
48) 2-Nitroaniline	9.38	65	88360	49.678	ng		97
49) Acenaphthylene	9.69	152	418290	51.184	ng		100
50) Dimethylphthalate	9.55	163	318052	50.592	ng		99
51) 2,6-Dinitrotoluene	9.62	165	69201	52.370	ng	#	88
52) Acenaphthene	9.86	154	248772	50.097	ng		99
53) 3-Nitroaniline	9.79	138	27160	16.832	ng	#	90
54) 2,4-Dinitrophenol	9.92	184	60966	106.086	ng		91
55) Dibenzofuran	10.03	168	375489	51.835	ng		98
56) 4-Nitrophenol	9.97	139	84984	114.386	ng	#	80
57) 2,4-Dinitrotoluene	10.03	165	95868	54.984	ng		98
58) Fluorene	10.37	166	312442	51.802	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	62523	53.181	ng		96
60) Diethylphthalate	10.25	149	326520	51.526	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	135112	50.596	ng		94
62) 4-Nitroaniline	10.41	138	70841	46.184	ng		98
63) Azobenzene	10.53	77	335689	51.627	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	42576	52.610	ng		96
66) n-Nitrosodiphenylamine	10.49	169	272943	48.719	ng		97
67) 4-Bromophenyl-phenylether	10.85	248	79360	48.246	ng		95
68) Hexachlorobenzene	10.93	284	81902	46.363	ng	#	90
69) Atrazine	11.02	200	62183	68.450	ng		99
70) Pentachlorophenol	11.13	266	76704	145.139	ng		93
71) Phenanthrene	11.34	178	456751	51.522	ng		100
72) Anthracene	11.39	178	465239	50.836	ng		99
73) Carbazole	11.55	167	441030	53.052	ng		98
74) Di-n-butylphthalate	11.87	149	558039	49.574	ng		99
75) Fluoranthene	12.53	202	481477	54.619	ng		97
77) Benzidine	12.66	184	3115	0.989	ng	#	52
78) Pyrene	12.76	202	494002	43.871	ng		100
80) Butylbenzylphthalate	13.36	149	245537	43.364	ng		94
81) Benzo(a)anthracene	13.95	228	421973	48.277	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	35443	12.825	ng		99
83) Chrysene	13.99	228	416469	48.316	ng		98
84) Bis(2-ethylhexyl)phthalate	13.92	149	352767	44.186	ng	#	97
85) Di-n-octyl phthalate	14.53	149	597213	49.135	ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	314688	52.212	ng		99
88) Benzo(b)fluoranthene	15.00	252	373866	51.598	ng		99
89) Benzo(k)fluoranthene	15.03	252	352269	48.921	ng		98
90) Benzo(a)pyrene	15.36	252	338259	52.719	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	271449	49.372	ng		96
92) Benzo(g,h,i)perylene	17.30	276	252643	48.275	ng		95

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

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